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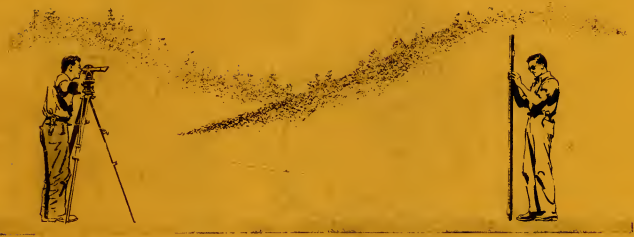

WEEKLY PROGRESS REPORT

FIELD ENGINEERING AND CONSTRUCTION

DECEMBER 4, 1967

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STATE HIGHWAY COMMISSION
MISSOULA, MONTANA
December 1, 1967

State Highway Commission
Helena, Montana

Weekly News Letter
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the week ending December 1, 1967:

G E N E R A L

Skies have been cloudy, temperatures cool, and there has been quite a bit of precipitation the past week. Highways are in good travel condition.

P R E C O N S T R U C T I O N

000S(17), Powell County
Countywide Signing

Personnel Unassigned

I-IG 90-1( )0-5, Lookout Pass - East
I-IG 90-1( )5-11, Saltese - West

Rader & Associates
Engineers & Architects, Helena

Utility plans are being drafted on Sections A and B and grade line and quantities are being revised from Sta. 500 to Sta. 552+ in order to acquire more clearance at the river crossing at Sta. 535+ as requested by the Bridge Department. The contract is 93% complete.

I 90-1(40)43, Superior - West
Length - 3.7 Miles, Convert to 4 Lanes

Personnel Unassigned

I 90-1(41)64-75, Tarkio - East
I 90-1(42)76-78, Alberton - West
I 90-2(39)78-82, Huson - West

Tom Oertli, Resident Engineer
Missoula, Montana

A 4-man engineering crew worked one day, running vertical control levels. The survey is 60% complete with a total of 149 man days.

LSI 90-1(2)65, Tarkio - East
Length - 2.4 Miles

Personnel Unassigned

I 90-3( )135, Bearmouth - West
Length - 7.605 Miles, G-GS-PCC & Structures
Staking Started Dec. 29, 1965
Work Has been suspended while the crew is on other assignments.

Tom Oertli, Resident Engineer
Missoula, Montana

I 90-3(13)143, Bearmouth - East
Length - 7.583 Miles, G-GS-PMS & Structures
Contract Scheduled for Letting in April, 1968
Work has been suspended while the crew is on other assignments.

Carl Smith, Resident Engineer
Drummond, Montana

F 174(9), Grantsdale - Hamilton
Length - 2.7 Miles
Survey Started March 2, 1967
The survey is 51% complete.

Tom Oertli, Resident Engineer
Missoula, Montana
Suspended - April 21, 1967

F 219(13), Russell - Madison, Missoula
Length - 1.6 Miles
Survey Started April 14, 1967
The survey is 9% complete with a total of 34 man days.

Roger Blossom, Resident Engineer
Missoula, Montana
Suspended - July 5, 1967

F 219(26), Missoula - Arlee
Safety Improvement - Interchange Lighting

Personnel Unassigned

FG 219(30), Missoula - Arlee
Installation of Flashing Signals

Personnel Unassigned

S 221(3), Thompson Falls - West
Length - 3.0 Miles (Line Change)
Survey Started Sept. 20, 1967

Dana M. Irwin, Resident Engineer
Box 927, Thompson Falls, Mont.
Est. Comp. Date - Dec. 20, 1967

A 7-man engineering crew completed cross sections from Sta. 155+00 to Sta. 180+00, a distance of 2.46 miles. Beginning station of the "P" line = Sta. 52+00. The survey is 77% complete. Man days this week - 22; total to date - 261.

F 237(18), Ovando - Northwest
Length - 7.494 Miles - Seeding & Fertilizing

Personnel Unassigned

F 259(12), Hamilton - Florence
Length - 1.4 Miles
Survey Started April 5, 1967
The survey is 15% complete.

Tom Oertli, Resident Engineer
Missoula, Montana
Suspended - April 21, 1967

F 267(12), Ovando - Southeast
Length - 22.318 Miles, Seeding & Fertilizing

Personnel Unassigned

S 343(7), Avon - Helmville
Length - 8.083 Miles
Design Started Aug. 16, 1967

H. J. Smith, Designer
Missoula, Montana
Est. Comp. Date - Jan. 15, 1968

Additional field data has not been received and the subject project remains 27% complete.

SG 407(4), Alberton Railroad Crossing
Flashing Signals
Work Not Yet Started

Cecil Owen, Resident Engineer
Box 685, Superior, Montana

Work is tentatively scheduled to start on December 1, 1967.

C O N S T R U C T I O N

I 90-1(36)48, U-1, I 90-1(35)50, I-IG 90-1 (33)54, U-1 & I 90-1(38)60, Superior - East
Length - 13.340 Miles, G-GS-PMS, Rest Areas, & Structures
Contract let July 27, 1965
Amount of Contract - $3,048,327.92

Murphy Bros., Inc., Contractor
Spokane, Washington
Cecil Owen, Resident Engineer
Box 685, Superior, Montana
M. E. Lawrence, Resident Engineer
Box 692, Hamilton, Montana

I 90-1(36)48, U-1, etc. - cont'd.
Work Started Aug. 17, 1965 — Contract Time - 450 Calendar Days
Work Proceed Date - Aug. 17, 1965 — Completed - Oct. 11, 1967
A 4-man engineering crew is compiling final data for submittal to the Division office about Jan. 2, 1968.

I-IG 90-2(25)95, U-1, Missoula - West — Peter Kiewit Sons' Co.
Length - 7.754 Miles, G-GS-PCC & Structures — Billings, Mont., Contractor
Contract let October 28, 1967 — H. C. Wilcox, Resident Engineer
Amount of Contract - $3,196,581.58 — W. L. Liles, Resident Engineer
Work Started Jan. 5, 1965 — Contract Time - 500 Calendar Days
Work Proceed Date - Dec. 14, 1964 — Completed - Dec. 21, 1966
Final data are being checked in the Division office and will be forwarded to Helena about Dec. 8, 1967.

I 90-2(40)102, & I 90-2(41)104, Missoula — Allen Electric, Contractor
Interchange Lighting - Grant Cr. & Orange St. — Helena, Montana
Contract let Sept. 26, 1967 — H. C. Wilcox, Resident Engineer
Amount of Contract - $30,690.00 — Contract Time - 90 Calendar Days
Work Not Yet Started — Prob. Comp. Date - March 3, 1968
Contractor has not advised of his contemplated starting date.

I 90-2(27)103, U-1, Urban Missoula — Zook Bros. Construction Co.
Length - 3.466 Miles, G-GS-PCC & Structures — Great Falls, Mont., Contractor
Contract let May 26, 1965 — H. C. Wilcox, Resident Engineer
Amount of Contract - $2,326,091.68 — W. L. Liles, Resident Engineer
Work Started June 26, 1965 — Contract Time - 400 Calendar Days
Work Proceed Date - June 16, 1965 — Completed - Nov. 3, 1967
One engineer is compiling final data for submittal to the Division office about Feb. 1, 1968.

I 90-2(27)103, U-2, Urban Missoula — United States Steel Corporation
Length - 3.466 Miles - Fencing — Portland, Oregon, Contractor
Contract let May 26, 1965 — H. C. Wilcox, Resident Engineer
Amount of Contract - $42,542.35 — Contract Time - 30 Calendar Days
Work Started Aug. 24, 1965 — Prob. Comp. Date - Dec. 15, 1967
Resumption of work has been delayed by cold weather and the project remains 96% complete with 52% of the contract time elapsed. Construction layout is 100% complete.

I 90-2(34)104, Urlin Avenue Interchange to — N. L. Garrick Construction Co.
Clark Fork River in Missoula - Storm Sewer — Missoula, Montana, Contractor
Contract let July 18, 1967 — Roger Blossom, Resident Engineer
Amount of Contract - $129,805.94 — Contract Time - 120 Calendar Days
Work Started Aug. 30, 1967 — Prob. Comp. Date - Dec. 21, 1967
Suspend-work order effective Nov. 15, 1967. The project remains 56% complete with 64% of the contract time elapsed. Construction layout is 90% complete.

LSI 90-2(2)105, Van Buren Interchange
Length - 0.551 Mile in Missoula - Landscaping
Contract let Aug. 22, 1967
Amount of Contract - $81,153.52
Work Started Oct. 2, 1967

Nelson Bros. Construction Co.
Salt Lake City, Utah, Contractor
H. C. Wilcox, Resident Engineer
Contract Time - May 31, 1968
Prob. Comp. Date - May 31, 1968

Work was resumed on Nov. 29th. One man is leveling topsoil in place, and plans are to resume hauling of topsoil next week. The project is 24% complete with 36% of the contract time elapsed. Two men worked two 8-hour shifts. Construction layout, with 2 engineers engaged, is 50% complete.

F 215(16), Unit 1, Lolo - Missoula
Length - 7.488 Miles, G-GS-PMS & Drain
Contract let October 25, 1966
Amount of Contract - $2,159,556.90
Work Started Dec. 1, 1966
Work Proceed Date - Dec. 13, 1966

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
C. W. Hegman, Resident Engineer
Missoula, Montana
Contract Time - 300 Calendar Days
Prob. Comp. Date - Sept. 1, 1968

Suspend-work order effective Nov. 21st. There has been no work the past week as a result of the cold weather. The project is 74% complete with 72% of the contract time elapsed. Construction layout 90% complete.

F 215(16), Unit 2, Lolo - Missoula
Length - 346.0' Prestressed Conc. Beam Bridge
Contract let October 25, 1966
Amount of Contract - $294,764.78
Work StartedSept. 13, 1967
Work Proceed Date - Sept. 8, 1967

Mahnomen Pile Driving & Erection
East Glacier, Mont., Contractor
W. L. Liles, Resident Engineer
Missoula, Montana
Contract Time - 200 Calendar Days
Prob. Comp. Date - July 30, 1968

Progress has been fair the past week. Service piling is being driven at Pier 4, and plans are to complete this phase and pour the footing seal the latter part of this week. The project as a whole is 16% complete with 38% of the contract time elapsed. Seven men worked two 8-hour and two 9-1/2 hour shifts. Construction layout, with a 3-man engineering crew engaged, is 16% complete.

F 215(17), Junction of US 93 & 12
Channelized Intersection Lighting
Contract let July 18, 1967
Amount of Contract - $10,691.80
Work Started Aug. 14, 1967
Work Proceed Date - Aug. 15, 1967
Suspend-work order effective August 14, 1967.

Rainbow Electric, Contractor
Great Falls, Montana
C. W. Hegman, Resident Engineer
Missoula, Montana
Contract Time - 30 Calendar Days
Prob. Comp. Date - Dec. 29, 1967

F 219(29(, S-SG 224(6), & S 224(10), Reserve St.
Length - 1.807 Miles, Grade-Surf-PMS & Light.
Contract let October 24, 1967
Amount of Contract - $417,513.50
Work Started Nov. 27, 1967

Washington Construction Co.
Missoula, Montana, Contractor
H. C. Wilcox, Resident Engineer
Contract Time - 150 Calendar Days
Prob. Comp. Date - Sept. 30, 1968

Two men are removing fences on this project. The contract is 0% complete with 0% of the contract time elapsed. Construction layout, with an 8-man engineering crew engaged, is 30% complete.

UF 219(27), West Broadway-Missoula
Length - 2.236 Miles, G-GS-PMS & Curbs
Contract let Aug. 22, 1967
Amount of Contract - $717,446.27
Work Started Oct. 2, 1967

M. & S. Construction Co.
Missoula, Mont., Contractor
H. C. Wilcox, Resident Engineer
Contract Time - 180 Calendar Days
Prob. Comp. Date - Sept. 30, 1968

Suspend-work order effective Nov. 22, 1967. Four men worked two 8-hour shifts on culvert extension. The project is 24% complete with 33% of the contract time elapsed. The storm drain is 80% installed. Construction layout, with a 4-man engineering crew engaged, is 30% complete.

US-USG 224(5), Missoula - Reserve Street
Length - 484.5' Steel Structure over N. P.
Contract let Feb. 3, 1967
Amount of Contract - $224,458.08
Work Started March 28, 1967
Work Proceed Date - April 1, 1967

Hightower & Lubrecht Const. Co.
Missoula, Montana, Contractor
W. L. Hersman, Resident Engineer
Missoula, Montana
Contract Time - 240 Calendar Days
Prob. Comp. Date - April 30, 1968

Progress has been fair the past week. The contractor has completed stripping of deck forms and erecting rail, and is presently lining rail and cleaning around the structure. Class AD concrete is 95% complete, structural steel 93%, structure excavation and reinforcing steel 100%, steel bridge rail 90%, drainage system 20%, and the project as a whole is 92% complete with 80% of the contract time elapsed. Six men worked two 8-hour shifts. Construction layout, with a 2-man engineering crew engaged, is 95% complete.

ROW F 237(23), Bonner - Ovando
Length - 1.0 Mile, Remove & Reset Fence
Contract let Sept. 26, 1967
Amount of Contract - $1,623.75
Work Started Oct. 24, 1967

Mogan's Fencing, Contractor
Florence, Montana
Roger Blossom, Resident Engineer
Contract Time - 30 Calendar Days
Prob. Comp. Date - Sept. 30, 1968

Progress has been good the past week, with 281 rods removed and reset on the original agreement and 507 rods moved and reset on the supplemental agreement. The original contract is 84% complete and the supplemental agreement 29% complete. Construction layout, with one engineer engaged, is 80% complete.

F 237(24), Bonner - Ovando
Length - 2.624 Miles, G-GS-PMS, Bridge & Rest Area
Contract let May 24, 1966
Amount of Contract - $637,291.15
Work Started July 13, 1966

Bud King Construction Co.
Missoula, Mont., Contractor
J. E. Hughes, Resident Engineer
W. L. Liles, Resident Engineer
Contract Time - 300 Calendar Days
Prob. Comp. Date - June 30, 1968

Suspend-work order effective September 29, 1967. Approximately 3500 lineal feet of guardrail were installed as of this date and the project is 93% complete with 90% of the contract time elapsed. Six men worked four 8-hour shifts. Construction layout, with a 3-man engineering crew engaged, is 86% complete. (The guardrail installation is 55% complete.)

F 237(25), Bonner - Ovando
Length - 6.575 Miles, G-GS-PMS
Contract let Sept. 26, 1967
Amount of Contract - $985,348.20
Work Started Oct. 30, 1967
Work Proceed Date - Oct. 18, 1967

Washington Construction Co.
Missoula, Mont., Contractor
Roger Blossom, Resident Engineer
Missoula, Montana
Contract Time - 225 Calendar Days
Prob. Comp. Date - Sept. 30, 1968

Progress has been fair the past, although two days were lost as a result of

inclement weather. Excavation was completed at Sta. 386+00, ahead, and has been started at Sta. 506+00, ahead. Existing pipes are being extended and pipe is being laid at Sta. 503+30. The project as a whole is 3% complete with 15% of the contract time elapsed. Ten men worked three 8-hour shifts and two days were worked by three men. The construction layout, with a 7-man engineering crew engaged, is 40% complete.

S 343(9), Avon - Helmville
Length - 7.806 Miles, G-GS-BST & Structures
Contract let April 26, 1966
Amount of Contract - $431,287.29
Work Started July 13, 1966
WorkProceed Date - May 17, 1966

S. Birch, Inc., Contractor
Great Falls, Montana
Carl Smith, Resident Engineer
Drummond, Montana
Contract Time - 180 Calendar Days
Completed - July 25, 1967

Final data are being checked in the Division office and will be forwarded to Helena about December 15, 1967.

S 431(3), Hamilton - West
Length - 1.0 Mile, G-GS-PMS, Curbs & Bridge
Contract let Aug. 22, 1967
Amount of Contract - $441,647.48
Work Started Sept. 18, 1967
WorkProceed Date - Sept. 11, 1967

Mahnomen Pile Driving & Erection
East Glacier, Mont., Contractor
M. E. Lawrence, Resident Engineer
Box 629, Hamilton, Montana
Contract Time - 280 Calendar Days
Prob. Comp. Date - Sept. 30, 1968

Progress has been good on the roadway and poor on the structure. The contractor has been installing curb inlets and 12" RCP drain pipes from Sta. 65+11 to manhole Station 68+82, and changing screens in crusher to produce 3/4" type A top surfacing. Structure: The contractor stripped the shaft at Pier 3, completed forming the beam caps at Bents 4 and 5, and is now engaged in excavating at Bent 2, fabricating ring for cofferdam at Bent 2, and pulling cofferdam at Pier 3. The structure is 21% complete and the project as a whole is 38% complete with 26% of the contract time elapsed. Ten men worked four 8-hour shifts and 28 men worked three 8-hour shifts. Construction layout, with a 6-man engineering crew engaged, is 40% complete.

SMP 3299-67, Mineral & Missoula Counties
Crush & Stockpile 89,500 Tons Aggregates
Contract let October 24, 1967
Amount of Contract - $124,374.00
Work Not Yet Started
Work Proceed Date - Nov. 13, 1967

Ruffier Construction Co.
Billings, Mont., Contractor
D. R. Lohn, Div. Mat. Supervisor
Missoula, Montana
Contract Time - 100 Calendar Days
Prob. Comp. Date - April 26, 1967

Suspend-work order effective November 23, 1967. At the preconstruction conference November 28, 1967, the contractor advised that he expects to start operations about December 18, 1967, weather permitting, and that he plans to work two shifts. The project is 0% complete with 10% of the contract time elapsed.

Sam F. Thompson, P. E.
Division Engineer

SFT:cn

STATE HIGHWAY COMMISSION
Kalispell, Montana
December 1, 1967

State Highway Commission
Helena, Montana

Weekly News Letter
Area 1230

Gentlemen:

The following is a report on pre-construction and construction activities in Area 1230 for the week ending December 1, 1967.

G E N E R A L

Progress the past week has been fair. The weather has been partly cloudy with some rain and light snow and daytime temperatures mostly in the 20's and 30's. All roads are in good travel condition and traffic is average.

P R E - C O N S T R U C T I O N

F 100 (9) Whitefish-Columbia Falls
Length - 8.0 Miles
Survey Authorized - Jan. 27, 1966
Survey Started - Dec. 7, 1966
Survey Suspended - April 28, 1967
Survey Resumed - Nov. 14, 1967

J. J. Wright, Res. Eng. I
Kalispell, Montana
Prob. Comp. Date: Feb. 1, 1968

Five man days were used during the past week researching Flathead County court records for information helpful in locating section and quarter section corners. Soil survey exploration has been completed and classification is being worked on in the Division lab. A total of 307 men days have been used with the survey 62% complete.

S000S (10) Signing-Lincoln County
Survey Authorized - August 4, 1967

Engineer: Unassigned

Authorization to do the necessary preliminary engineering for signing of oiled sections of Routes S 202 and S 482 in Lincoln County was granted on Aug. 4, 1967. Field work will begin following a field review by representatives of division and traffic personnel.

S000S (11) Signing-Sanders County
Survey Authorized - August 4, 1967

Engineer: Unassigned

Authorization to do the necessary preliminary engineering for signing of oiled sections of routes S 202 and S 382 in Sanders County was granted on Aug. 4, 1967. Field work will begin following a field review by representatives of division and traffic personnel.

S000S (16) Signing-Flathead County
Survey Authorized - August 11, 1967

Engineer: Unassigned

Authorization to do the necessary preliminary engineering for signing of oiled sections of Routes S 206, 424 and 487 in Flathead County was granted on Aug. 11, 1967. Field work will begin following field review by representatives of division and traffic personnel.

S 157 (3) Kalispell-Lupfer
Survey Started - July 9, 1962
Length - 4.0 Miles
Design Started - April 10, 1963

H. A. Stockwell, Office Engr.
Kalispell, Montana
Prob. Comp. Date: Unknown

Design work is temporarily suspended.

S 178 (7) R.R. Signals-Charlo
Survey Authorized - July 28, 1966

Engineer: Unassigned

Authorization to make a preliminary study of the installation of railroad crossing signals at Charlo was granted on July 28, 1966. Agreements with railroad company are presently being finalized by Bridge department. Information to be furnished by the field as requested.

S 306 (7) R.R. Signals-Ronan
Survey Authorized - July 29, 1966

Engineer: Unassigned

Authorization to make a preliminary study of the installation of railroad crossing signals at Ronan was granted on July 28, 1966. Agreements with railroad company are presently being finalized by Bridge department. Information to be furnished by the field as requested.

S 410 (5) Yaak River Road
Length - 5.5 Miles
Survey Authorized - July 22, 1966
Survey Started - Nov. 28, 1966

V. D. Borden, P.E., Res. Eng. II
Troy, Montana
Prob. Comp. Date: Jan. 15, 1968

Progress has been fair this past week. A five man engineering crew is assigned and are cross-sectioning the rougher parts of the project before the heavy snows come. Two days were used to run an alternate line between P.I. station 30-07 and P.I. station 51-69. This line is to have a soil survey next week. One man is assigned to the office plotting profile and plan. A total of 357 man days have been used and the project is 56% complete.

C O N S T R U C T I O N

F 102 (4) & F 270 (12) Signals
Jct. No. of Bigfork & So. of Whitefish
Proceed Order - March 13, 1967
Work Started - Oct. 4, 1967
Contract Amount - $9,278.45

Skinner Enterprises
Helena, Montana
L. D. Dollan, Instmn.
Kalispell, Montana
Comp. Date: 45 Days
Completed: Nov. 15, 1967

Personnel compiling final estimate assigned to other duties the past week. Final will be submitted to the Division Office about December 15, 1967.

LSF 257 (2) Kalispell-West Glacier
1.5 Miles Beautification
Contract Let - April 25, 1967
Proceed Order - May 15, 1967
Work Not Started
Contract Amount - $61,303.13

Skinner Enterprises
Helena, Montana
L. D. Dollan, Instmn.
Kalispell, Montana
Comp. Date: 150 Cal. Days
Prob. Comp. Date: May 30, 1968

Contractor has no specific starting date pending arrival of materials and installation of Evergreen water system. Shrubs and trees cannot be planted until next spring. A Suspend Order was issued as of May 12, 1967.

F FG 257 (18) Kalispell-West Glacier
GR, Grav. Surf. Pl. Mix Surf. & Br.'s
Length - 3.231 Miles
Contract Let - Aug. 4, 1965
Proceed Order - Aug. 24, 1965
Work Started - Sept. 9, 1965
Contract Amount - $1,112,096.50

Zook Bros. Const. Co.
Great Falls, Montana
J. W. Adamson, Instmn.
Kalispell, Montana
Completed: Aug. 4, 1967

Final estimate was submitted to the Division Office Nov. 13, 1967. It is now being checked for submittal to Helena about December 22, 1967.

S 404 (4) Foy's Lake Loop Road
GR, GS, Pl. Mix Surf.
Length - 1.7 Miles
Contract Let - June 21, 1966
Proceed Order - July 21, 1966
Work Started - Aug. 18, 1966
Contract Amount - $228,136.18

Kiely Construction Co.
Butte, Montana
J. J. Wright, Res. Eng. I
Kalispell, Montana
Comp. Date: 120 Cal. Days
Completed: Aug. 26, 1967

Work on the final is temporarily suspended pending return of the remeasure notes and quantities from IBM in Helena. It is estimated that the final will be submitted to the Division Office about December 15, 1967.

S 404 (5) Foy's Lake Loop Road
GR, GS, Pl. Mix Surf.
Length - 2.461 Miles
Contract Let - June 20, 1967
Work Started - July 31, 1967
Contract Amount - $357,619.62

Washington Construction Co.
Missoula, Montana
J. J. Wright, Res. Eng. I
Kalispell, Montana
Comp. Date: 150 Cal. Days
Prob. Comp. Date: July 1, 1968

Winter Suspend Order was issued November 4, 1967. No engineering personnel is presently being charged entirely to this project, although occasional charges are being made as work is required. Construction layout is 67% complete. The project as a whole is 41% complete with 63% of the contract time elapsed.

S 410 (3) Yaak River Road
Grade and Drain
Length - 6.565 Miles
Proceed Order - Oct. 20, 1964
Contract Let - Sept. 30, 1964
Work Started - Nov. 4, 1964
Contract Amount - $633,562.65

Walter Laas
Chester, Montana
V. D. Borden, P.E., Res. Eng. II
L. D. Claridge, Res. Eng. I
Troy, Montana
Comp. Date: 250 Cal. Days
Completed: Nov. 11, 1966

A complete remeasure of excavation quantities began October 9, 1967 with a four man crew engaged. Field work was completed November 14. Office work with two men engaged is now underway in preparation for IBM earthwork computations and is approximately 21% complete.

S 410 (4) Yaak River Road
Agr. Surf. & Pl. Mix Bit. Surf.
Length - 6.565 Miles
Contract Let - June 29, 1965
Work Started - Sept. 21, 1966
Contract Amount - $337,528.99

Grant Construction Co.
Hayden Lake, Idaho
V. D. Borden, P.E., Res. Eng. II
Troy, Montana
Comp. Date: 160 Cal. Days
Prob. Comp. Date: May 30, 1968

Project on a winter shut down order effective September 21, 1967. An E. W. O. is being processed to stop a fill erosion by Pine Creek, left of sta. 10-00. This work to be completed before the spring run off. Project as a whole is 93% complete with 94% time elapsed. The PTW is in excellent shape and there are no detours. A five man engineering crew is assigned to other projects.

S 424 (3) Polson-Northwest
GR, GS, Pl. Mix Surf.
Length - 2.76 Miles
Contract Let - Jan. 24, 1967
Proceed Order - Feb. 13, 1967
Work Started - March 12, 1967
Contract Amount - $247,960.81
Winter Shut Down - Aug. 25, 1967

Zook Bros. Const. Co.
Great Falls, Montana
L. D. Claridge, Res. Eng. I
Polson, Montana
Comp. Date: 150 Cal. Days
Prob. Comp. Date: 150 Cal. Days

A Suspend Order was issued the contractor August 25, 1967 deferring the plant mix operations until the coming spring. Project as a whole is 81% complete with 79% of the contract time elapsed.

S 424 (4) Polson-North & West
G, GS, PMS
Contract Let - July 18, 1967
Length - 2.094 Miles
Proceed Order - Aug. 7, 1967
Work Started - Aug. 8, 1967
Contract Amount - $286,910.09

Zook Bros. Const. Co.
Great Falls, Montana
L. D. Claridge, Res. Eng. I
Polson, Montana
Comp. Date: 125 Cal. Days
Prob. Comp. Date: July 1, 1968

The contractor was issued a Winter Shut Down on November 9, 1967. The unclassified excavation is approximately 99% complete. The top soil is 96% and the drainage items 100%. The first lift of 1½" base is on the entire project. There are no construction employees working on the project at this time. The construction layout is 95% complete. The project as a whole is 56% complete with 67% of the contract time elapsed. There are no detours and the roadway is in good travel condition.

SMP 1599-67 Maintenance Crushing
Flathead, Lake, Sanders & Lincoln Counties
Contract Let - Jan. 24, 1967
Proceed Order - Feb. 13, 1967
Work Started - March 17, 1967
Contract Amount - $134,856.00

Ruffier Const. Co.
Billings, Montana
J. Kalien, Div. Mtls. Supv. II
Kalispell, Montana
Contract Time: 180 Cal. Days
Completed: Nov. 14, 1967

Final was submitted to the Division Office November 22, 1967 for checking and will be submitted to Helena about December 15, 1967.

FD-1 Libby Dam
Access Roads
General Construction

James Gipe, P.E., Res. Eng. II
Libby, Montana
Comp. Date: Unknown

Miscellaneous clearing and burning work is still being done. Men have been tightening bolts on the guard rail at various places along the project.

Reservoir Bridge & Approach, a 2437.0' Birdge & Approaches
Contractors: R. A. Heintz & Williamette Corp.
Time: 760 Cal. Days for the Rt. 37 & FD Approach road and 1140 Cal. Days for the balance.

Two jack hammers are being used on the excavation for the footing of Pier No. 3 with a front end loader on hand to remove rock. Piles are still being driven for the footing of Pier No. 5. One drill is working on the rock for the footing of Pier No. 6. Some burning has been done of miscellaneous clean up on the FD side of the river. The rock has been shot in the vicinity of sta. 3023 on Montana 37 and one to three dozers are working on the shot rock. Three drills are working in the vicinity of sta. 3032.

James J. Keithley, P.E.
Division Engineer

JJK:ph

STATE HIGHWAY COMMISSION

Butte, Montana
December 1, 1967

State Highway Commission
Helena, Montana

WEEKLY NEWSLETTER
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the week ending December 1, 1967.

Progress throughout the Division has been good during the past week. The weather has been fair, with some rain and snow showers and temperatures ranging from -17° to +35° above zero.

P R E - C O N S T R U C T I O N

S - 9 (11)
Cardwell - Boulder
3.920 Miles
Jefferson County

Donald G. Braach, Designer
Butte, Montana
Probable Completion Date:
January 12, 1968

A two (2) man design crew worked six (6) man days balancing the project for 3.655 miles or 93% complete; and designing the drainages, structures and approaches for 1.50 miles or 38% complete. Templating the Cross Sections remains complete for 2.78 miles or 71% complete; the Hardshell and Profile plotted and the Grades laid and computed are all 100% complete. The Design is 17% complete with 42 man days used to date.

I 15-1 (23) 50-53
Pipe Organ Slide
2.5 Miles
Beaverhead County

Robert J. Hunter, Resident Engineer II
Dillon, Montana
Probable Completion Date:
Unknown

No work on this project during the past week.

I 15-2 ( ) 96
I 15-2 ( ) 103
I 15-2 ( ) 111
Divide - North & South
Deer Lodge Pass - North
Approximately 21.0 miles
Silver Bow County

Rader and Associates
Consulting Engineers
Estimated Completion Date
Unknown

Setting of vertical and horizontal control points complete. Drafting preliminary plans and profiles. Location study is 100% complete. Field survey is 10% complete, and Design Plans are 2% complete. The project as a whole is 3.25% complete.

I 15-3 (11) 144-150
Elk Park - Bernice
Approximately 6.530 miles location
Jefferson County
Location Survey Started:
November 3, 1966

Matt Vranish, Resident Engineer I
Butte, Montana
Probable Completion Date:
Unknown

There is a total of 1806 man days used to date. The survey as a whole is 75% complete. All data was turned in to the Division Office on June 26, 1967. All location surveying has been suspended by State Forces, and turned over to Morrison - Maierle Consulting Engineers.

I IG 15-3 (12) 150-157
Bernice - Basin
7.159 miles location
Jefferson County
Location Survey Started:
November 14, 1966

Frank Caprara Jr., Resident Engineer I
Twin Bridges, Montana
Probable Completion Date:
Unknown

The survey as a whole is 53% complete. A total of 722 man days used to date. All work on this location survey was suspended by State Forces on June 29, 1967.

I 15-3 (3) 157
Boulder Hill - North & South
10.5 Miles
Jefferson County

Morrison - Maierle, Inc.,
Consulting Engineers
Estimated Completion Date:
Unknown

Boulder Hill - North

The testing is complete and the soils report has been prepared by our subcontractor for pavement depth, backslope design, shrink and swell, etc. The report is being reviewed by this firm and will be submitted to the Montana State Highway for their review and approval in the near future. To date Location Study is 100% complete, Preliminary Plans are 100% complete, Field Survey is 95% complete, Soil Survey 85% complete. The project as a whole is 64% complete.

Boulder Hill - South

Project has been submitted to I. B. M. for an earthwork run. Preliminary Plans for the Boulder South Extension have been transmitted to the M. S. H. for P. I. H. To date Soil Survey is 55% complete, Field Survey is 82% complete, Preliminary Plans are 100% complete, Photogrammetry is 100% complete, Design Plans are 25% complete, and R/W Plans are 12% complete. The project as a whole is 63% complete.

I 15-3 (11) 144-150
I 15-3 (13) 157-163
I 15-3 (12) 150-157
Elk Park - Boulder
Aerial Mapping
20 Miles Location
Work Started: July 5, 1967

Morrison - Maierle Inc.
Consulting Engineers
Probable Completion Date:
Unknown

Mapping is completed on 16 manuscripts covering 18 miles West and South of Boulder. Mapping on the remaining sheets covering the last mile at Elk Park is in progress. The project as a whole is 96% complete.

S - 34 (2)
Jackson - Wisdom
0.78 miles location
Beaverhead County

Donald G. Braach, Designer
Butte, Montana
Probable Completion Date:
February 9, 1968

A two (2) man design crew worked two (2) man days checking the Bench Level and Transit Notes and began tracing the Plan and Profile Linens for 0.189 miles or 25% complete. The Hardshell and Profile plotted are 100% complete. The Design is 1% complete with two (2) man days used to date.

S - 35 (15)
Jackson - Dillon
Approximately 7.9 miles location
Beaverhead County

Donald G. Braach, Designer
Butte, Montana
Probable Completion Date:
January 15, 1968

A two (2) man design crew worked one (1) man day checking the Bench Level and Cross Section Notes which were submitted to Helena for I. B. M. groundline elevation tabulations. The Hardshell and Profile plotted are 100% complete. The Design remains 0% complete with two (2) man days ued to date.

S - 72 (3)
Helena - York
7.084 Miles
Lewis & Clark County

Donald G. Braach, Designer
Butte, Montana
Probable Completion Date
December 15, 1967

The completed Design is in Helena for P.I.H. printing. The Hardshell and Profile plotted; Plan and Profile Linens traced; the Cross Sections plotted, inked and topoged; the Grades laid and computed; the project balanced; the Cross Sections templated; designing the irrigatio and drainage structures and approaches; computing the overhaul; revising the R/W Plans; placing the Design information on the Plan and Profile Linens; plotting the mass diagram; and revising the Summary Sheets are all 100% complete. The Design remains 50% complete with 236 man days used to date.

I 90-3 (7) 168
Gold Creek - East
5.989 Miles
Powell County

Morrison & Maierle Inc., Designers
Helena, Montana
Completion Date:
Unknown

Centerline staking is in progress from the beginning of the project to the Phosphate Interchange. Evaluation of the access at Warm Springs Creek was submitted for approval. Exploration drilling has been completed. Items complete are Location Study 100%, Soil Survey 65%, Field Survey 90% and Design Plans 10%. The project as a whole is 22% complete.

PRE - CONSTRUCTION

I IG 90-3 (7) 174
Garrison - East & West
6.85 Miles
Powell County

Morrison & Maierle Inc., Designers
Helena, Montana
Probable Completion Date:
Unknown

Interchange patterns are being evaluated. A R/W and access report and R/W maps have been submitted to the MSH showing affects induced by proposed alternates. Portions of some alignments are being adjusted for an earthwork balance. Testing of foundation materials on the South half of the project is one - half complete. The project as a whole is 11% complete.

S 304 (9)
Galen Interchange East
Approximately 1.0 miles location
Deer Lodge County
Location Survey Started:
May 8, 1967

R. T. Wilson, Instrumentman
Butte, Montana
Probable Completion Date:
December 31, 1967

All work on this project has been temporarily suspended effective May 18, 1967. Survey Crew transferred to another job. 0.48 miles of Line and Levels have been run, with B. M.'s established and Cross Sections taken. There is a total of 37 man days to date.

CONSTRUCTION

I 15-1 (24) 17 U-1
Lima - Dell
Grading, Aggregate Surf.,
Plant Mix Surf., Draining
Signing and the Construction of a
108' Prestressed Concrete Beam Overpass
5.560 Miles
Beaverhead County
Contract Let: September 27, 1966
Bid Price: $948,936.58
Work Started: October 19, 1966

Peter Kiewitt Sons' Co., Contractor
Billings, Montana
Robert Hunter, Resident Engr. II, Grading
Dillon, Montana
Contract Time: 200 Calendar Days
Actual Completion Date:
November 20, 1967

Contractor completed all Items on November 20, 1967. Project ready for final inspection. The project as a whole is 100% complete with 111% of the contract time elapsed. The construction layout is 100% complete with seven (7) inspectors engaged. The Final Estimate and supporting data will be submitted to the Division Office on January 10, 1968.

I 15-1 (24) 17 U-2
Lima - Dell
Fencing
5.560 Miles
Beaverhead County
Contract Let: September 27, 1966
Bid Price: $29,833.30
Work Started:
October 20, 1966

Gabriel Hoyland, Contractor
Dillon
Robert Hunter, Resident Engineer II
Dillon, Montana
Contract Time: 30 Days after notification by Engineer
Probable Completion Date:
November 30, 1967

All remaining fence completed with exception of some minor cleanup around several deadmen. Two (2) men worked one (1) eight (8) hour shift, five (5) days this week. The project as a whole is 98% complete.

I 15-2 (22) 123 U-1
I 115-2 (5) 126 U-1
Butte - West
Butte - Spur
Grade, Aggregate Surfacing, Draining, and the construction of one 118' dual prestressed concrete beam structure, Rocker Interchange; one 297.5' dual prestressed concrete beam structure, Nissler Junction;
5.607 Miles
Silver Bow County
Contract Let:
November 21, 1967
Bid Price: $1,693,578.11
Work Not Started

Peter Kiewit & Sons' Co.
Billings, Montana
John C. Cashell, P. E., Res. Engr., II
Butte, Montana
Loren R. Matkin, Resident Engineer I
Butte, Montana
Contract Time: 250 Calendar Days
Probable Completion Date:
Unknown

There was no work on this project during the past week.

I 15-2 (22) 123 U-2
I 115-2 (5) 126 U-2
Fencing
5.282 Miles
Silver Bow County
Contract Let:
November 21, 1967
Bid Price: $42,513.50
Work Not Started

Bohleen Construction Company
Wilsall, Montana
John C. Cashell, P. E., Res. Engr., II
Butte, Montana
Contract Time: 30 Days after notification by Engineer
Probable Completion Date:
Unknown

There was no work on this project during the past week.

I IG 15-3 (8) 177 U-1
S 412 (6)
Montana City - North & South
Grading, Aggregate Surf., Plant Mix Bituminous Surfacing, Draining Signing, and Construction of a dual 133.0 prestressed concrete Beam Overpass; a dual 233.5' prestressed concrete beam overpass; one 294.5' Prestressed concrete beam overpass and one 284.5' concrete beam overpass
6.052 Miles
Jefferson County
Contract Let: June 20, 1967
Bid Price: $2,907,061.20
Work Started: July 18, 1967

Zook Bros. Construction Company
Great Falls, Montana
J. W. Trankel, Resident Engineer I, Grading
East Helena, Montana
Donald Bentzen, Resident Engineer I, Struct.
East Helena, Montana
Contract Time: 300 Calendar Days
Probable Completion Date:
September 30, 1968

GRADING: Contractor placing Top Soil on Inslopes and Backslopes, Drills working on Frontage Road No. 4, and Contractor doing some finishing work.

I IG 15-3 (8) 177 U-1 Cont'd.
S 412 (6)

Unclassified Excavation, 67%; Road Bed Compaction, 62%; RCP Culverts, 50%; CMP Culverts, 52%. During the past week the contractor worked nine (9) eight (8) hour shifts with sixty-two (62) men employed. The construction layout is 94% complete with four (4) inspectors and nine (9) engineers engaged. The project as a whole is 33% complete with 43% of the contract time elapsed.

STRUCTURE: All work on project was concentrated at Station 631+99.74 where lower section of Columns for Bent No. 3 North Bound were poured and finishing of previously poured concrete was finally completed. Service piling arrived November 27, 1967 and driving of same will commence today at Bent No. 3 South Bound. Contractor has spent quite a bit of time forming for Head Walls of Dual Armco Pipes at Station 552+77.9. There was no work accomplished on Structures at Station 552+77.9 or at 665+23.7 or at 756+21.59. During the week the contractor worked four (4) eight (8) hour shifts with nine (9) men employed. The project as a whole is 28% complete with the construction layout 90% complete. There are three (3) Engineers engaged on the project.

I IG 15-3 (8) 177 U-2
Montana City - North & South
Fencing
5.552 Miles
Jefferson County
Contract Let:
June 20, 1967
Bid Price: $39,771.20
Work Started: August 7, 1967

Fred Strandberg Construction Company, Inc.
Helena, Montana
J. W. Trankel, Resident Engineer I
East Helena, Montana
Contract Time: 30 Days after notification by Engineer
Probable Completion Date:
September 30, 1968

There was no work on this project during the past week. The construction layout is 95% complete. The project as a whole is 26% complete.

I 15-3 (15) 173 U-1
Clancy North and South
Grade, Gravel Surfacing,
Plant Mix Surfacing and
Structures.
Jefferson County
Contract Not Let

John T. McGeever, Resident Engineer I
Helena, Montana

Authorization to begin construction staking was granted on September 27, 1967. A six (6) man engineering crew started running R/W line on November 27, 1967. Centerline is 100% complete.

LSI 15-4 (1) 183
Capital Interchange - Helena
Beautification
0.688 Miles
Lewis & Clark County
Contract Let: August 22, 1967
Bid Price: $105,465.69
Work Started: October 6, 1967

Nelson Bros. Construction Company
Contractor
Helena, Montana
Richard W. Saltzman, Resident Engineer I
Probable Completion Date:
May 31, 1968

There was no work on this project during the past week. The project as a whole is 11% complete with 0% of the contract time elapsed.

I 15-4 (35) 184
Capital Interchange - Helena
Lighting
Lewis & Clark County
Contract Let: August 22, 1967
Bid Price: $46,006.00
Work Started:
October 6, 1967

Allen Electrical Company
Contractor
Helena, Montana
Richard W. Saltzman, Resident Engineer I
Helena, Montana
Probable Completion Date:
May 31, 1968

Contractor placed 2207' of plastic 1½" conduit. As all the materials have not arrived a Resume Work Order has not been issued. Construction layout is 100% complete with the project as a whole 15% complete. During the week the contractor worked four (4) eight (8) hour shifts with four (4) men employed.

F 43 (24)
Wisdom - Divide
Delineation
50.6 Miles
Contract Let:
October 24, 1967
Bid Price: $9,342.00
Work Started:
November 21, 1967

Skinner Enterprises, Contractor
Helena, Montana
J. W. Bettle, Instrumentman
Butte, Montana
Probable Completion Date:
Unknown
Contract time 60 Calendar Days

Contractor started work on subject project November 21, 1967 placing delineators. The contractor worked one (1) eight (8) hour and two (2) two (2) hour days completing six and one-half (6½) miles of delineaters which makes the construction 13% complete with 21% of the contract time elapsed. Contractor is working two (2) men, one (1) foreman and one (1) laborer. Engineering layout remains 33% complete with 17 miles of roadway staked. One (1) Inspector worked one (1) day.

F 43 (25) U-1
Divide - North West
Grade, Gravel Surfacing
and Plant Mix Surfacing
2.745 Miles
Silver Bow County
Contract Let:
November 21, 1967
Bid Price: $661,353.19
Work Not Started.

F & S Construction Company
Butte, Montana
Eugene Campbell, Resident Engineer I
Divide, Montana
Contract Time: 180 Calendar Days
Probable Completion Date:
Unknown

A five (5) man Engineering Crew is engaged in establishing Centerline, R/W Line and Reference Lines. Construction layout is 43% complete.

F 43 (25) U-2
Divide - North West
Structure
Silver Bow County
Contract Let:
October 24, 1967

E. F. Matelich Construction Company
Kalispell, Montana
Loren R. Matkin, Resident Engineer I
Butte, Montana
Contract Time: 150 Calendar Days

A preconstruction conference was held on November 14, 1967. Suspend Work Order was issued effective November 15, 1967. A three (3) man Engineering Crew is establishing Centerline and Structure layout which is 90% complete.

I IG 90-4 (13) 209 U-1
Ramsay East & West
Grade, Gravel Surfacing, Plant
Mix Surfacing, Drainage, and
Structures
6.953 Miles
Silver Bow County
Contract Let: November 30, 1965
Bid Price: $2,031,684.89
Work Started:
March 14, 1966

Naranche & Konda Construction Company
Contractors, Butte, Montana
John Cashell, Resident Engineer, II Grading
Butte, Montana
Loren Matkin, Resident Engineer, I Structure
Contract Time: 400 Calendar Days
Actual Completion Date:
November 24, 1967

Final inspection and acceptance was held on November 24, 1967. The project is 100% complete with 91% of the contract time elapsed. The Final Estimate and Supporting Data will be submitted on February 16, 1968.

I IG 90-4 (13) 209 U-2
Ramsay - East & West
Fencing
6.954 Miles
Silver Bow County
Contract Let: November 30, 1965
Bid Price: $43,388.40
Work Started: March 14, 1966

Kober Construction Company, Contractor
Billings, Montana
John Cashell, Resident Engineer II
Butte, Montana
Completion Date: 30 Days after notification by Engineer
Completion Date: October 20, 1967

Estimated submittal date for the Final Estimate to the Division Office is December 28, 1967.

I IG 90-5 (5) 241 U-1
I 90-5 (8) 231 and F 69 (11)
Whitehall East and West, Homestake
Pass Access Road and the Whitehall
North Road
Grading, Aggregate Surfacing, Plant
Mix Bituminous Surfacing, Signing,
Draining, and the Construction of a
275.5' Prestressed Concrete Underpass
on Whitehall East and West
Interstate Project
Grading, Aggregate Surfacing, Plant
Mix Surfacing, Signing, and Draining on
the Whitehall North Road.
Grading, Aggregate Surfacing, Draining and
Signing on the Homestake Pass
Access Road.
A total of 12.624 Miles
Jefferson County
Contract Let: October 28, 1964
Bid Price: $2,837,392.42
Work Started: January 5, 1965

Nilson - Smith Construction Company
Contractors, Great Falls, Montana
Ray Masters, Resident Engineer II, Grading
Contract Time: 450 Calendar Days
Actual Completion Date:
December 16, 1966

I IG 90-5 (5) 241: The Final Estimate will be submitted to the Helena Office on or about January 30, 1968.

I 90-5 (14) 275
Three Forks - West
The Construction of Dual
273.0' Prestressed Concrete
beam bridge over the
Jefferson River
0.051 Miles
Broadwater and Gallatin Counties
Contract Let: May 23, 1967
Bid Price: $294,083.48
Work Started: August 23, 1967

Haggerty - Messmer Construction Company
Bozeman, Montana
John Maykuth, Resident Engineer, II
Three Forks, Montana
Completion Date: 250 Calendar Days
Probable Completion Date:
August 16, 1968

Poured Cross Beam Bent No. 4 East Bound. Plans to complete Pier 3 West Bound and set Beams as soon as possible. During the past week the Contractor employed fourteen (14) men for five (5) eight (8) hour shifts. The project as a whole is 11% complete with 56% of the contract time elapsed. There are four (4) Engineers engaged on this project.

I 90-5 (16) 272 U-1
I IG 90-6 (21) 275 U-1
Three Forks - East & West
Grading, Aggregate Surfacing
Cement Stab. Base, Plant Mix
Bituminous Surfacing, Concrete
paving, lighting, and signing; the
construction of one 294.5' steel
overpass on I 90-5 (16) 272 and the
construction of a dual 254.5' prestressed
concrete beam bridge and a dual 200.5'
Prestressed concrete beam overpass on
I IG 90-6 (21) 275
4.359 Miles
Gallatin and Broadwater Counties
Contract Let: June 20, 1967
Bid Price: $2,497,405.98
Work Started: July 25, 1967

Peter Kiewit Sons' Company
Billings, Montana
R. G. Masters, Resident Engr., II, Grading
Three Forks, Montana
J. Maykuth, Resident Engr., II, Structure
Contract Time: 400 Calendar Days
Probable Completion Date:
November 30, 1968

ROADWAY:
I 90-5 (16) 272 U-1 Work during the week consisted of crushing Plant Mix Aggregate. The half mile detour on 287 is in good condition with a road mix surface. The Contractor worked three (3) nine (9) hour shifts with five (5) men employed. Items are complete as follows: Unclassified Excavation 96%; Culverts 94%; Miscellaneous Items 30%. The project as a whole is 29% complete with 33% of the contract time elapsed. The construction layout is 96% complete with two (2) inspectors engaged.

C O N S T R U C T I O N

I IG 90-6 (21) 275: Contractor hauling borrow from pit Rt. of Station 1165 to roadway 1144 to 1175. U S 10 curve revision is open to traffic. Flagmen are directing traffic on crossing of U. S. 10. During the past week the Contractor employed forty (40) men for five (5) nine (9) hour shifts. The project as a whole is 37% complete with 33% of the contract time elapsed. Construction layout is 94% complete.

STRUCTURES: Poured Columns and Strut Bent 3 West Bound on Milwaukee. General cleanup on overflow structure. Fill has been placed for End-Bents on all Bridges now. During the past week the Contractor worked four (4) eight (8) hour shifts with twelve (12) men employed. Items complete are as follows: Structure Excavation Type I, 34%; Untreated Test Pile, 100%; Shore and Cribs, 100%; Reinforced Steel, 15%; Prestress Beams, 26%. The project as a whole, is 24% complete with 33% of the Contract time elapsed. The construction layout as a whole is 60% complete with four (4) Engineers engaged.

I 90-5 (16) 272 U-2
I IG 90-6 (21) 275 U-2
Three Forks East and West
Fencing
4.359 Miles
Gallatin & Broadwater Counties
Contract Let: June 20, 1967
Bid Price: $27,612.05
Work Started:
August 8, 1967

Fred Strandberg Construction Company, Inc.
Helena, Montana
R. G. Masters, Resident Engineer II
Three Forks, Montana
Contract Time: 30 Days after notification by Engineer
Probable Completion Date:
November, 1968

I 90-5 (16) 272 U-2: There was no work on this project during the past week. The project as a whole is 46% complete.

I IG 90-6 (21) 275 U-2: There was no work on this project during the past week. The project as a whole is 8% complete.

I 90-5 (17) 250 U-1
Cardwell - West
Grade, Aggregate Surfacing, Drainage
Plant Mix Bituminous Surfacing
4.899 Miles
Jefferson County
Contract Let: June 20, 1967
Bid Price: $1,779,489.92
Work Started: July 20, 1967

Nilson - Smith Construction Company
Great Falls, Montana
Matt Vranish, Resident Engr. I, Grading
Whitehall, Montana
Contract Time: 380 Calendar Days
Probable Completion Date:
June, 1968

During the week the Contractor conducted Grading Operations Station 302± to 376±; completed hauling 3/4" Type A to Frontage Road; constructed detour at P.T.W.; shot MC-70 on Frontage Road and detour; excavating and laying Pipe with 67 men employed for ten (10) nine (9) hour and five (5) eight (8) hour shifts. The project as a whole is 24% complete with 30% of the contract time elapsed. The construction layout is 74% complete with seven (7) Engineers and eight (8) Inspectors engaged.

I 90-5 (17) 250 U-2
Cardwell - West
Construction of one dual 206.5' prestressed concrete beam overpass, Frontage Road: One dual 138.0' prestressed concrete beam overpass Interchange: one dual 116.5' prestressed concrete beam Bridge, Boulder River: one 111.5' prestressed concrete beam bridge, Jefferson River Slough and over the Boulder River.
Jefferson County
0.087 Miles
Contract Let: June 20, 1967
Bid Price: $453,561.46
Work Started: July 31, 1967

Huckaba Construction Company
Whitehall, Montana
Harold Wiebe, Bridge Inspector
Whitehall, Montana
Contract Time: 275 Calendar Days
Probable Completion Date:
August 16, 1968

Progress during the week was good. Cardwell Interchange at Station 386+53.70: Placed Concrete for Cross Beam Bent No. 4 East Bound and forming Columns for Bent No. 2 West Bound. Bridge over Boulder River at Station 416+82.20: Forming Pier No. 2 East Bound and West Bound and driving Treated Timber Piling for Bent No. 1 East Bound and West Bound. Bridge over Jefferson River Slough at Station 292+40.00: Structure excavation and setting Shoring and Crib for Left Footing Pier No. 2. The Contractor worked four (4) eight (8) hour shifts employing an average of eleven (11) men. The project as a whole is 9.7% complete with 48% of the contract time elapsed. A four (4) man engineering crew, two (2) men are temporary, engaged on inspection of Contractor's operations and project calculations.

I 90-5 (17) 250 U-3
Cardwell - West
Fencing
4.899 Miles
Jefferson County
Contract Let: June 20, 1967
Bid Price: $34,694.45
Work Started:
August 2, 1967

Pipestone Construction Company
Whitehall, Montana
Matt Vranish, Resident Engineer I
Whitehall, Montana
Contract Time: 30 Days after notification by Engineer
Probable Completion Date: July, 1968

During the week the Contractor drove Line Posts, installed Woven Wire and Deadmen employing three (3) men for five (5) eight (8) hour shifts. The project as a whole is 28% complete.

S 167 (7)
Cardwell - S. E.
The Construction of one (1) 289' Concrete Bridge & Approaches
0.054 Miles
Jefferson & Madison Counties
Contract Let: July 26, 1966
Bid Price: $164,785.89
Work Started: August 17, 1966

Cop Construction Company
Billings, Montana
Harold Wiebe, Bridge Inspector
Completion Date: 220 Calendar Days
Actual Completion Date:
September 12, 1967

Final Estimate and Supporting Data was submitted to the Division Office on October 13, 1967.

U - 249 (17) & F - 214 (6)
U - 249 (17)
Euclid Avenue
Helena
Grading, Gravel Surf.
Plant Mix Surf., and Drain
2.466 Miles
F - 214 (6)
Construction of One (1)
overhead sign and signs
on Prospect Avenue
Lewis & Clark County
Contract Let: October 25, 1966
Bid Price: $630,182.65
Work Started: March 7, 1967

Holland Construction Company, Contractor
Billings, Montana
John T. McGeever, Resident Engr., I
Helena, Montana
Contract Time: 250 Calendar Days
Probable Completion Date:
December 7, 1967

U - 249 (17): Contractor intends on shooting Prime and Seal Oil and painting Median Curb as soon as weather permits; conducting general clean up and installing Signs. The Contractor employed an average of six (6) men for two (2) eight (8) hour shifts. The project as a whole is 88% complete with 71% of the contract time elapsed. The Construction layout is 98% complete with three (3) Engineers and six (6) Inspectors engaged.

F 214 (6): All work was completed on this project on September 26, 1967.

F 281 (19)
Main Street - Twin Bridges
Grade, Gravel Surf., Plant
Mix Surf. and Curbs
1.015 Miles
Madison County
Contract Let:
July 18, 1967
Bid Price: $455,010.34
Work Started:
September 19, 1967

Kiely Construction Company
Butte, Montana
F. T. Caprara, Jr.
Resident Engineer I
Twin Bridges, Montana
Contract Time: 220 Calendar Days
Probable Completion Date:
March, 1968

Contractor has completed the Gravel Operations, all of the Culverts, Inlets and Storm Drain is 100% complete. Contractor has two (2) lifts of Plant Mix Bituminous Base on Roadway up to Station 568+30: also has road primed up to Station 579+25. Contractor will continue with Gravel and Paving Operations as long as the weather will permit. The Project as a whole is 79% complete with 48% of the Contract time elapsed. The Construction layout as a whole is 78% complete with five (5) Inspectors engaged. The Contractor employed sixteen (16) men for (5) eight (8) hour shifts.

Sincerely,

Ben C. Miller

BEN C. MILLER, P. E.
DIVISION ENGINEER

BCM:GBH:eb
KEC

STATE HIGHWAY COMMISSION
Bozeman, Montana
Dec. 1, 1967

Weekly Newsletter
Division 2230

State Highway Commission
Helena, Montana

Gentlemen:

The following report covers the work accomplished in Division 2230 during the week ending Dec 1, 1967.

G E N E R A L

The weather throughout the week has been much cooler with the nighttime temperatures dropping to the 0° to 5° range and the daytime highs have ranged from 25° to 35°. The colder weather has halted most of the normal construction operations.

P R E - C O N S T R U C T I O N

S 28 (10) McLeod - Big Timber
Length 0.1 Miles
Survey Authorized Sept 20, 1967

Raymond W. Esp, Res. Engr. I
Big Timber, Montana
Probable Completion Date Dec 29, 1967

Work will commence on this project when men are available.

I 90-7 (15) 318-327 Bozeman Pass-East
Length 8.3 Miles
Survey Authorized Dec 1, 1964
Survey Resumed May 19, 1967

William F. Nimmons, Res. Engr. I
Livingston, Montana
Survey Completed Nov 22, 1967

The survey data for this project was submitted to the district office November 30. This will be the final report for this project.

I 90-7 (17) 305-364
Springdale - Big Timber
Length 13.6 Miles
Survey Authorized Dec 16, 1966
Survey Started March 2, 1967
Survey Suspended August 17, 1967
Survey Resumed November 2, 1967

Raymond W. Esp, Res. Engr. I
Big Timber, Montana
Probable Completion Date Jan 5, 1968

A 6 man engineering crew worked 5 days the past week making section ties which are 87% complete and cross sectioning which is 64% complete. The survey as a whole is 83% complete with 663 man days expended to date.

I 90-7 (21) 339 Springdale - West
Length 9.1 Miles
Survey Authorized Oct 7, 1967
Survey Not Yet Started

Engineer Unassigned
Probable Completion Date Unknown

This survey was authorized Oct 7 for the necessary preliminary engineering to convert the present two lane Interstate to 4 lane. Work will start on this survey when the additional preliminary engineering information is requested and the men are available.

FG 209 (5) Safety Improvement
Gallatin Gateway-Bozeman
Survey Authorized Dec 15, 1966

Engineer Unassigned
Probable Completion Date Unknown

It is not anticipated that any field engineering will be required on this project.

S 273 (4) Mill Creek Road
Length 5.055 Miles
Survey Completed April 25, 1967
Design Started Nov 22, 1967

Daniel D. Urbach, Div Ofc Engr
Bozeman, Montana
Probable Completion Date Unknown

No further work was accomplished on this design the past week. The design remains 0% complete with 1 man day used to date.

S 370 (16) Bozeman-Wilsall
Length 6.724 Miles
Survey Completed June 22, 1967
Design Not Yet Started

Daniel D. Urbach, Div Ofc Engr
Bozeman, Montana
Probable Completion Date Unknown

The location data was returned to the division office from the Butte district office on Oct 26 for the necessary design work. Work will commence on the design as soon as men are available.

S 446 (1) Chico Road
Length 1.7 Miles
Survey Completed June 19, 1967
Design Not Yet Started

Daniel D. Urbach, Div Ofc Engr
Bozeman, Montana
Probable Completion Date Unknown

One man worked one day putting the soils data on the working profile. The design is still 0% complete with 1 man day used to date.

CONSTRUCTION

I IG 90-6 (22) 305 U 1
Bozeman-Northside
Length 1.789 Miles
Grading & Draining
Contract Amount $591,154.77
Contract Let August 22, 1967
Work Started Sept 19, 1967

Wickens Bros. Construction
Suffolk, Montana
Robert S. Ricketts, Res. Engr. I
Bozeman, Montana
Contract Time 300 Calendar Days
Probable Completion Date August 31, 1968

Progress has been fair with the contractor employing 45 men for 8 9-hr shifts on the grading and 4 9-hr shifts on the culverts. Work has consisted of hauling borrow material from the Story pit to the roadway between stations 1655 and 1676. The unclassified borrow excavation is 56% complete and the roadbed compaction is 55% complete. The erection of the double 120" SPPC at station 1678+10 is complete and the backfilling was begun Thurs., Nov 30. The colder temperatures have hampered the contractors operations considerably. The project as a whole is 45% complete with 17% of the contract time elapsed. A 9 to 10 man engineering crew has been engaged on the project the past week.

I IG 90-6 (22) 305 U 2
Bozeman-Northside
Dual 351' Structure, Dual 188' Structure
Dual 143' Structure
Contract Amount $651,284.80
Contract Let August 22, 1967
Work Started Sept 21, 1967

Sletten Construction Co.
Great Falls, Montana
James T. Sullivan, Res. Engr. II
Bozeman, Montana
Contract Time 250 Calendar Days
Probable Completion Date September, 1968

Progress has been fair with the contractor employing 5 to 13 men for 5 8-hr shifts the past week. The work has consisted of: "L" STREET STRUCTURE - The forms and insulating material removal has been completed and the drilling for beam anchor bolts and bush hammering for the beam seats is in progress. This structure remains 25% complete. NP SPUR OVERPASS - Concrete was poured for the columns of bent #4 eastbound and westbound. The curing of the concrete is accomplished by heating enclosures. Backfill material was placed around the left end bent #2 eastbound and right column bent #2 westbound. This structure is 8% complete. ROUSE STREET STRUCTURE - The road contractor has completed the placement of the fill adjacent to the bent #1 abutments. The tieing of reinforcing steel cages and mats is in progress. The structure remains at 0% complete. The project as a whole is 6% complete with 28% of the contract time elapsed. A 4 man engineering crew has been engaged on the project.

I IG 90-6 (22) 305 U 3
Bozeman-Northside
Length 1.388 Miles
Chain Link Fencing
Contract Amount $34,848.20
Contract Let August 22, 1967
Work Not Started

United States Steel Corp.
Portland, Oregon
Robert S. Ricketts, Res. Engr. I
Bozeman, Montana
Completion Date 30 days
After Notification by Engineer
Probable Completion Date Sept 31, 1968

It is not anticipated that the contractor, U. S. Steel Corp., will be able to begin work until the summer of 1968. They are being kept informed of the progress on Unit 1 and Unit 2 so that they may be able to plan their operations accordingly. The right of way for the project has been staked.

I 90-7 (19) 346
Springdale-West
Length 5.029 Miles
Remove Curb & Install Med. Rail
Contract Amount $73,617.16
Contract Awarded Sept 27, 1966
Work Started Feb 28, 1967

Fred Strandberg Const. Co., Inc.
Helena, Montana
William F. Nimmons, Res. Engr. I
Livingston, Montana
Contract Time 50 Calendar Days
Completed July 27, 1967

One man worked one day the past week completing the checking of the final estimate and supporting data which was submitted to the district office on Nov 30. This will be the final report for this project.

S 182 (4) Manhattan-East
Length 7.435 Miles
Grading, Aggr. Surfacing, Plant Mix
Bitum. Surf., Drain & 3 Prestressed
Conc. Beam Bridges
Contract Amount $788,318.70
Contract Let & Awarded Oct 25, 1966
Work Started November 22, 1966

Maronick Construction Co., Inc.
East Helena, Montana
John J. Anderson, Res. Engr. I
Manhattan, Montana
James T. Sullivan, Res. Engr. II (Br)
Bozeman, Montana
Contract Time 250 Calendar Days
Probable Completion Date June 1968

Progress has been slow with the prime contractor employing 10 men for 4-8-hr shifts the past week. A suspend work order was issued effective at the close of work Nov 22 and is still in effect. The only work done on the project was minor cleanup work. The contractor has indicated that he may begin work on the guardrail and signs next week. The contractor for the structures, Huckaba Construction Co., has done no work on the project this past week.

The project as a whole remains 96% complete with 80% of the contract time elapsed. An 8 man engineering crew has been engaged on the project the past week.

ROW F 217 (8)
Gardiner-Livingston
Length 1.971 Miles
Fencing
Contract Amoun t $6,892.00
Contract Let July 18, 1967
Work Started Sept 11, 1967

Kober Construction Co.
Billings, Montana
William F. Nimmons, Res. Engr. I
Livingston, Montana
Contract Time 60 Calendar Days
Completed Nov 21, 1967

Two to three men have worked in the field office checking the supporting data and the final estimate which is 45% checked. It is estimated that the final estimate will be submitted to the division office on Dec 15.

S 427 (3) Indian Creek-West
Length 0.246 Miles
Bridges & Approaches
Contract Amount $174,662.90
Contract Let & Awarded June 21, 1966
Work Started August 2, 1966

Ralph Huckaba, Contractor
Whitehall, Montana
James T. Sullivan, Res. Engr. II
Bozeman, Montana
Contract Time 225 Calendar Days
Completed August 24, 1967

No work has been done on the final estimate and supporting data which is in the division office and remains 95% complete. The estimated submittal date to the district office is Dec 8.

Yours truly,

George A. Barrett PE
Division Engineer

GAB/DDU/bm

cc: R. B. Dundas

STATE HIGHWAY COMMISSION
Great Falls, Montana
December 1, 1967

State Highway Commission
Helena, Montana

WEEKLY NEWS LETTER
DIVISION 3130

Gentlemen:

Herewith News Letter covering work accomplished in Division 3130 during the week ending December 1, 1967:

GENERAL

Weather has been fair and construction progress is as good as can be expected. Daytime temperatures ranged from +5° to +45° with intermittent rain and snow reported around the Division.

PRE-CONSTRUCTION

I 15-5(38) 255 Ulm - South
Length: 4.5 miles, Cascade County
Work Started: Sept. 14, 1967

Morrison & Maierle, Inc.
Gerald A. Willett, Jr., Branch Manager
Helena, Montana
Prob. Comp. Date: Feb. 15, 1968

The preliminary plans have been completed and are being submitted for the preliminary Plan-in-Hand. The data on which the P.I.H. will be held is being arranged. Preliminary Right-of-Way limits have been set for the P.I.H. Field Survey is 100% complete; Preliminary Plans are 100% complete; R/W Plans are 5% complete; and total project is 27% complete.

I 15-5(42) 269 Gore Hill - Sun River
Length: 1.5 miles
Location Survey Started: Nov. 27, 1967

G. W. Davis, Resident Engr. II
Great Falls, Montana
Prob. Comp. Date: Dec. 15, 1967

Survey started November 27, 1967. Centerline is 100% complete. Survey as a whole is 10% complete with 15 man-days worked to date.

I 15-6(2) 297 Dutton - N & S
Length: 13.8 miles, Teton Co.
Location Survey Started: Jan. 13, 1967

C. W. Heber, Resident Engr. I
Great Falls, Montana
Prob. Comp. Date: Indefinite

Because this crew is assigned to help with construction staking on other projects, this project is temporarily suspended. A total of 655.5 man-days have been worked to date and the survey is 44% complete.

F 132(8) Chester - Gildford
Length: 9.282 miles
Design Started: June 27, 1966

C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Dec. 29, 1967

Two men worked 6 man-days templating x-sections and preparing R/W Plans. Design is 48% complete with 218 man-days used to date.

S 193(2) Valier - Cut Bank
Glacier Co., 1.423 miles (Section A)
Pondera Co., 3.269 miles (Section B)
Design Started: July 15, 1964

C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: 12/31/67 (Sec. A)
Prob. Comp. Date: 12/31/67 (Sec. B)

SECTION A: No work on this design which remains 80% complete with 123 man-days used to date.
SECTION B: Three men worked 6 man-days templating and computing and checking quantities. Design is 76% complete with 115 man-days used to date.

F 220(9) Cut Bank - SW
Length: 2.128 miles, Glacier Co.
Design Started: May 5, 1965

C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: December 15, 1967

No work on this design which remains 80% complete with 35 man-days used to date.

S 223(2) Fairfield - Power
Length: 6.188 miles, Teton County
Design Started: March 27, 1967

C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Dec. 30, 1967

No work on this design which remains 32% complete with 101 man-days used to date.

F 252(18) Ft. Benton - Havre
Length: 12.041 miles, Chouteau Co.
Design Started: May 18, 1966

C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Feb. 1, 1968

No work on this design which remains 47% complete with 324 man-days used to date.

S 339(13) Ft. Benton - Chester
Length: 12.867 miles, Chouteau Co.
Design Started: Feb. 8, 1967

C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Dec. 15, 1967

PIH on this design was made November 28, 1967. Four men worked 7 man-days making PIH changes. Design is 52% complete with 299 man-days used to date.

CONSTRUCTION

I 15-4(25) 218 U-1 Wolf Creek - North
2.699 miles, Grade, Agg. Surf., PMBS
Drain, Signing & 3 Struc., Lewis & Clark Co.
F 238(10) Wolf Creek - Augusta
1.947 miles, Grade, Agg. Surf., PMBS
Contract Awarded: October 30, 1964
Amount of Contract: $1,843,885.51
Work Started: Nov. 16, 1964

F & S Contracting Co., Contractor
Butte, Montana
L. A. Lesofski, Res. Engr. I, Roadway
D. Bentzen, Res. Engr. I, Structures
Wolf Creek, Montana
Comp. Date: 350 Calendar Days
Completed: October 12, 1967

It is anticipated this final will be checked and submitted to Helena March 15, 1968. The bridge portion has been sent to Helena for advance checking.

I-IG 15-4(26) 221 U-1 Craig - N & S
7.233 miles, Gr., Agg. Surf., PMBS, Dr. & Sign
123.0' Dual Prest. Conc. Ovrpass. (Craig Inter.)
365.0' Prest. Conc. Overpass (GNRR)
Contract Awarded: Aug. 25, 1965
Amount of Contract: $3,644,743.90
Work Started: Sept. 7, 1965

F & S Contracting Co., Contractor
Butte, Montana
H. S. Embody, Res. Engr. I, Roadway
D. H. Bentzen, Res. Engr. I, Struc.
Wolf Creek, Montana
Comp. Date: 450 Calendar Days
Completed: October 30, 1967

Final estimate will be submitted to the Division Office on or about January 31, 1968. Very little progress is being made due to the engineering crew being engaged on four other projects. At the present time, the survey crew is remeasuring the roadway and one man is working on the final part time. Final is 25% complete.

I-IG 15-4(26) 221 U-2 Craig - N & S
7.233 miles, Fencing
Contract Awarded: August 25, 1965
Amount of Contract: $44,596.00
Work Started: Oct. 8, 1965

Bohleen Const. Co., Contractor
Wilsall, Montana
H. S. Embody, Resident Engr. I
Wolf Creek, Montana
Comp. Date: 30 Days after notif.
Prob. Comp. Date: Dec. 8, 1967

Progress has been poor. Contractor finished a section of Fence between sta. 1018+56.8 and sta. 1021+58.8 by hanging the Wire and installing the Fence Stays. This completed all work except minor cleanup throughout the project. Contractor left project temporarily November 20, 1967. All items are 100% complete except for cleanup throughout the project. Contractor had 2 men employed the past week on one 8 hour shift. Project as a whole is 99% complete with 87% of the contract time elapsed. Construction Layout is 100% complete with 1 engineer engaged part time.

I 15-4(28) 228 U-1 Stickney Creek - North
2.626 miles, Gr., Agg. Surf., PMBS, Drain
One 4 lane 93' and one 2 lane 93' Concrete
Bridges over Stickney Creek
Contract Awarded: May 23, 1967
Amount of Contract: $1,418,267.64
Work Started: July 14, 1967

Schultz & Lindsay Const. Co., Contr.
Billings, Montana
H. S. Embody, Res. Engr. I, Roadway
Wolf Creek, Montana
Martin Drivdahl, Res. Engr. I, Struc.
Cascade, Montana
Comp. Date: 300 Calendar Days
Prob. Comp. Date: Nov. 30, 1968

ROADWAY: Progress has been fair. Contractor has been on a partial suspension since October 31, 1967. Grade is being built between sta. 1078+00 and 1206+00. 9,525 cu. yds. were moved between stations noted above, making a total of 90,170 cu. yds. moved to date. 1,584 lin. ft. of Presplit Holes were drilled between sta. 1199+00 and sta. 1200+32 for a total of 13,533 lin. ft. to date. Uncl. Exc. is 17% complete; Presplit Holes are 23% complete; Traffic Control is 34% complete; Type "B" Riprap is 10% complete; Special Riprap is 34% complete; and the installing of Culverts is 24% complete. Contractor had 23 men employed on four 9 hour shifts. Project as a whole is 13% complete with 31% of the contract time elapsed. Construction Layout is 91% complete with a 9 man engineering crew engaged part time. The detour at Stickney Creek between sta. 1085+88 and 1094+00 and the PTW are in good condition.

I 15-4(28) 228 U-1 Cont'd.

STRUCTURES: Progress was good. Contractor completed Footing excavation for Interstate Bents #2 and poured 21 cu. yd. of Class "A" Conc. for the Footings. Remainder of the week contractor formed and housed for the Columns of Bent #2 S.B. Plans are to pour these Columns the first part of next week. General status of the job is: Frontage Road Structure completed; Bent #1 S.B. completed; Bent #1 N.B. completed to top of Column; and Footings poured for Bents #2 N. and S.B. Percentages of work completed are as follows: Class "A" Conc., 55%; Revise Bridge, 100%; Struc. Steel, 4%; Struc. Exc., 67%; and Re-steel, 11%. Structures are 29% complete with 2 engineers inspecting.

I 15-4(28) 228 U-2 Stickney Creek - North
2.626 miles, Fencing
Contract Awarded: May 23, 1967
Amount of Contract: $21,618.10
Work Started: July 26, 1967

Bohleen Construction, Contractor
Wilsall, Montana
H. S. Embody, Resident Engr. I
Wolf Creek, Montana
Comp. Date: 30 Days after notif.
Prob. Comp. Date: Nov. 30, 1968

There has been no progress to show as the contractor has been absent from the project. Type CM Wire Fence is 51% complete; Single CM Fence Panels are 58% complete; Double CM Fence Panels are 60% complete; Deadmen are 30% complete; Temp. Fence is 6% complete; and Remove Fence is 69% complete. Project as a whole is 52% complete. Construction Layout is 55% complete with no engineers engaged at this time.

I 15-4(30) 210 Sieben - Wolf Creek Road
8.165 miles, Seeding
Contract Awarded: March 28, 1967
Amount of Contract: $15,658.37
Work Started: Oct. 9, 1967

Bob Clark & Son Fencing Co., Contr.
Choteau, Montana
H. S. Embody, Resident Engr. I
Wolf Creek, Montana
Comp. Date: Nov. 15, 1967
Completed: October 27, 1967

Final estimate and supporting data will be submitted to Division Office on or about December 15, 1967. One man working on final, which is 90% complete.

I 15-4(32) 218 Wolf Creek - North
9.932 miles, Seeding and Landscaping
Contract Awarded: Aug. 24, 1967
Amount of Contract: $69,836.82
Work Started: Oct. 19, 1967

Nelson Bros. Const., Contractor
Salt Lake City, Utah
L. A. Lesofski, Resident Engr. I
Wolf Creek, Montana
Comp. Date: May 31, 1968
Prob. Comp. Date: May 31, 1968

Progress has been poor. Placed 150 lbs. Seed for a total to date of 3,750 lbs., or 91% complete. Used 2,000 lbs. of Fertilizer for a total to date of 29,100 lbs., or 77% complete. Hydro Seeding and Mulching from top rock cuts to back slopes Lt. and Rt. sta. 1000+00 to sta. 1030+00, Mainline. Placed 11 tons Vegetative Mulch for a total to date of 215 tons, or 77% complete. Used 1,000 gals. Bituminous Mulch for a total to date of 37,621 gals., or 99% complete. Using 4 Portable Signs and 1 Flagman for traffic protection. Contractor employed 2 men working one 8 hour shift. Project as a whole is 54% complete with 34% of the contract time elapsed. Const. Layout is 70% complete with 2 engineers measuring seedbed areas and inspecting contractor's operations.

I 15-5(23) 23⅘ U-1 Hardy Creek - South
4.502 miles, Gr., Agg. Surf., PMBS, Dr. & Sign
Contract Awarded: June 21, 1966
Amount of Contract: $3,765,841.73
Work Started: August 4, 1966

Zook Brothers Const. Co., Contractor
Great Falls, Montana
L. A. Lesofski, Resident Engr. I
Wolf Creek, Montana
Comp. Date: 400 Calendar Days
Prob. Comp. Date: Sept. 1, 1968

Progress has been poor; Suspend Work Order issued November 21, 1967. Contractor worked three 8 hour shifts finishing cut and fill slopes, laying 1½" Type A Base Courses, and cleaning up project. Uncl. Exc. remains 2,752,457 cu. yds., or 98% complete. 1½" Type A Base Courses remain 107,367 ton, or 37% complete. Pipe items are 99% complete. Two women flagging sta. 1490+00 to sta. 1502+00 for traffic protection. Traffic traveling Prime and Sealed Frontage Roads, sta. 1400+00 to sta. 1468+22 and sta. 1474+00 to sta. 1493+22; both are in good travel condition. Contractor employed 30 men. Project as a whole remains 78% complete with 89% of the contract time elapsed. Construction Layout is 92% complete with 4 men of a 7 man engineering crew engaged in testing and inspection of contractor's operations.

I 15-5(23) 23⅘ U-3 Hardy Creek - South
4.502 miles, Fencing
Contract Awarded: June 28, 1966
Amount of Contract: $43,406.10
Work Started: August 30, 1966

Junior W. Tschache, Contractor
Bozeman, Montana
L. A. Lesofski, Resident Engr. I
Wolf Creek, Montana
Comp. Date: 30 Days after notif.
Prob. Comp. Date: Sept. 1, 1968

Progress has been poor. Contractor employed 1 man working three 8 hour shifts. Drove Line Posts sta. 1410+00 to sta. 1449+90 Lt. Project as a whole remains 44% complete with 0% of the contract time elapsed. Construction Layout is 60% complete.

SECTION I: I 15-5(26) 271 U-1
Great Falls - West Side, 2.042 miles
Gr. Agg. Surf., CSBS, Conc. Pvg., Drain
PMBS, Sign and 3 Conc. Beam Structures
SECTION II: I-IG 15-5(31) 273 U-1
Sun River - Emerson Jct., 2.990 miles
Agg. Surf., CSBS, Conc. Pvg., PMBS
and Sign
SECTION III: I-IG 315-5(3) 272 U-1
Great Falls Spur, 0.573 miles, Gr.
Agg. Surf., PMBS, Drain and Sign
SECTION IV: U 388(8)
Sun River - 10th Avenue South
0.192 miles, Gr. Agg. Surf., PMBS
Drain and Sign
Contract Awarded: Jan. 27, 1965
Amount of Contract: $3,178,057.17
Work Started: March 15, 1965

McLaughlin, Inc., Nilson-Smith Const. Co., S. Birch, Inc., Contractor for joint venture.
Great Falls, Montana
Grading, Surfacing and Signing
George W. Davis, Res. Engr. II
Great Falls, Montana
Structures
T. G. Tomich, Resident Engr. II
Great Falls, Montana
Comp. Date: 500 Calendar Days
Completed: Nov. 28, 1967

SECTION I:
ROADWAY: No work. All major items are 100% complete. Section I is 100% complete. Construction Layout is 100% complete.
STRUCTURES: Final quantities have been checked by the Division Office, but will be held and submitted with the roadway final.

I 15-5(26) 271 U-1, I-IG 15-5(31) 273 U-1, I-IG 315-5(3) 272 U-1 & U 388(8) Cont'd.
SECTION II: Utility Builders had 2 men working one 4 hour shift placing 2nd and last coat of paint on the Handrail for the Stairway at Central Ave. West Interchange. All major items are 100% complete. Section II is 100% complete. Construction Layout is 100% complete.
SECTION III: No work. All major items are 100% complete. Section III is 100% complete. Construction Layout is 100% complete.
SECTION IV: No work. All major items are 100% complete. Section IV is 100% complete. Construction Layout is 100% complete.
Sections I, II, III, and IV combined are 100% complete with 100% of the contract time elapsed. Contract was completed as of November 28, 1967. Two men engaged with compiling data for the Final Estimate, which will be submitted on or about March 1, 1968.

SECTION A: I 15-5(26) 271 U-2
Great Falls-West Side, 2.042 miles, Fencing
SECTION B: I-IG 15-5(31) 273 U-2
Sun River - Emerson Jct., 2.990 miles, Fencing
SECTION C: I-IG 315-5(3) 272 U-3
Great Falls Spur, 0.573 miles, Fencing
Contract Awarded: Jan. 22, 1965
Amount of Contract: $92,431.41
Work Started: June 2, 1965

United States Steel Corp., Contr.
Portland, Oregon
George W. Davis, Res. Engr. II
Great Falls, Montana
Comp. Date: 250 Calendar Days
Prob. Comp. Date: Dec. 6, 1967

SECTION A: No work. 6' Chain Link Fence, Double Type 1 Panels, Type CW Wire Fence, and CW Panels are 100% complete. Section A is 99% complete. Construction Layout is 100% complete.
SECTION B: Progress has been good. U.S. Steel Corp. had 2 men working two 8 hour shifts digging holes and setting Posts for Chain Link Fence sta. 16+ to 19+ Lt. and Rt. "K" Line of Central Ave. West Interchange. Bohleen Const. Co. had 1 man working two 8 hour shifts and 2 men working 1 eight hour shift setting Panels and Line Posts and stretching Wire for CW Fence Lt. and Rt. sta. 726+ at Emerson Jct. 6' Type 1 Chain Link Fence, Double Type 1 Panels, Single Type 1 Panels, Type CW Wire Fence and CW Panels are 100% complete. Section B is 99% complete. Construction Layout is 100% complete.
SECTION C: No work. 6' Type 1 Chain Link Fence and Double Type 1 Panels are 100% complete. Section C is 100% complete. Construction Layout is 100% complete.
Sections A, B, and C combined are 99% complete with 98% of the contract time elapsed. One man of a 5 man engineering crew is inspecting contractors' operations.

I-IG 15-5(20) 273 Sun River-Emerson Jct.
2.990 miles, Cascade County
Grade, Agg. Surf., & Drain
Contract Awarded: June 25, 1964
Amount of Contract: $1,141,710.52
Work Started: August 5, 1964

McLaughlin, Inc., Nilson-Smith Const. Co. & S. Birch, Inc., Contractors
Great Falls, Montana
D. D. Moore, Resident Engr. I
Great Falls, Montana
Comp. Date: 350 Calendar Days
Completed: Sept. 3, 1965

It is anticipated this final will be checked and submitted to Helena by December 8, 1967.

I-IG 15-5(28) 274 U-2 Sun River-Emerson Jct.
Dual 474.0' Steel Bridge over GNRR
Contract Awarded: Feb. 25, 1965
Amount of Contract: $514,839.02
Work Started: June 1, 1965

Sletten Const. Co., Contractor
Great Falls, Montana
T. G. Tomich, Resident Engr. II
Great Falls, Montana
Comp. Date: Oct. 31, 1966
Completed: August 28, 1967

It is anticipated this final will be checked and submitted to Helena by December 8, 1967.

I-IG 15-5(33) 237 Hardy Creek - South
Dual 739.17' Steel Bridge over Missouri River
Contract Awarded: March 22, 1966
Amount of Contract: $897,808.05
Work Started: April 18, 1966

Sletten Construction Co., Contr.
Great Falls, Montana
L. Chezik, Resident Engr. I
Cascade, Montana
Comp. Date: 425 Calendar Days
Prob. Comp. Date: April 15, 1968

A Suspend Work Order was issued October 31, 1967. Three 8 hour shifts were worked with 5 men employed. Work consisted of cleaning up and removing materials from the project site. Painting of the Struc. Steel and Bridge Rail and cleanup remain to be completed. The following items and their percentages of completion are: Floor Drains, Class "A" Conc., Reinf. Steel, Furnish and Drive Steel Bearing Piles, and Median Rail, 100%; Struc. Exc. and Class "AD" Conc., 95%; Shoring & Cribs, 99%; Struc. Steel, 93%; and Steel Bridge Rail, 90%. Project as a whole is 99% complete with 94% of the contract time elapsed. Construction Layout is 99% complete with 2 engineers assigned.

I-IG 15-5(34) 270 Central Avenue
Interstate Conn., Great Falls
0.284 miles, Grade, Agg. Surf.,
PMBS and Drain
Contract Awarded: August 9, 1966
Amount of Contract: $178,932.22

Interstate Contractors, Contractor
Great Falls, Montana
D. D. Moore, Resident Engr. I
Great Falls, Montana
Comp. Date: 120 Calendar Days
Completed: Oct. 3, 1967

Four men currently working on Final, which is 75% complete. Estimated submittal date to Division Office is December 15, 1967.

SECTION I: I 15-5(36) 267
Gore Hill - Emerson Jct.
5.032 miles, Highway Lighting
SECTION II: I 315-5(4) 268
Great Falls Spur
0.573 miles, Highway Lighting
Contract Let: March 28, 1967
Amount of Contract: $154,247.74
Work Started: August 8, 1967

Rainbow Electric Co., Contractor
Great Falls, Montana
George W. Davis, Res. Engr. II
Great Falls, Montana
Comp. Date: 120 Calendar Days
Prob. Comp. Date: Dec. 31, 1967

SECTION I: Progress has been good. Contractor had 2 men working one 8 hour shift installing Florescent Light Fixtures on Overhead Sign sta. 14+80 "K" Line of Central Ave. West Interchange and two 8 hour shifts dressing up areas around Light Bases and Pull Boxes at Central Ave. and Emerson Jct. Interchanges. Two men worked two 8 hr. shifts and 6 men worked one 8 hour shift pulling Line Wires for Lights in the Spur Interchange area. 1½" Steel Conduit, 97% complete; Conductor-Copper AWG 8, 46% com-

I 15-5(36) 267 and I 315-5(4) 268 Cont'd.
plete; Conductor-Copper AWG 10, 2% complete; Class "A" Conc., 1" Steel Conduit, 2" Steel Conduit, 1½" Plastic Conduit, and Cl. 4 Treated Timber Poles with Service and Control Assemblies, 100% complete. Section I is 37% complete. Construction Layout is 100% complete.
SECTION II: No work. Class "A" Conc., 1½" Steel Conduit, and 1½" Plastic Conduit, 100% complete. Section II is 34% complete. Construction Layout is 100% complete.
Sections I and II combined are 36% complete with 48% of the contract time elapsed. One man of a 5 man engineering crew is engaged with inspection.

R-AD 10(1) & R-AD 12(1) Defense Access
North Gate & Main Gate Roads,
Malmstrom Air Force Base
1.288 miles - Cascade County
Gr. Agg. Surf., PMBS and Drain
Contract Awarded: June 15, 1966
Amount of Contract: $178,398.31
Work Started: July 25, 1966

Montana Sand & Gravel, Contractor
Great Falls, Montana
D. D. Moore, Resident Engr. I
Great Falls, Montana
Comp. Date: 100 Calendar Days
Completed: July 20, 1967

Due to urgent need of men on other projects, no work was done this week on this Final, which is 75% complete with estimated submittal date of December 15, 1967.

F 64(12) Safety
Great Falls - Armington
Length: 0.356 mi., Grade, Bit. Surf.,
Channelization, Signing & Lighting
Contract Awarded: Feb. 21, 1967
Amount of Contract: $41,934.21
Work Started: May 24, 1967

Cave Const., Inc., Contractor
Great Falls, Montana
Glen A. Enderson, Resident Engr. I
Belt, Montana
Comp. Date: 60 Calendar Days
Completed: November 14, 1967

This project was completed November 14, 1967. Final Estimate and Supporting Data will be submitted to Division Office as soon as men are available to work on the quantities.

FAP F 64(13)
Belt Hill Slide Area
0.227 mi., Repair Fill & Drain
Contract Let: Nov. 21, 1967
Amount of Contract: $100,042.02
Contract Awarded: (Subject to FHA Concurrence)
Work Not Started

N. L. Garrick Const. Co., Contractor
Missoula, Montana
George W. Davis, Res. Engr. II
Great Falls, Montana
Comp. Date: 120 Calendar Days
Prob. Comp. Date: Unknown

No work to date by either engineering crew or contractor.

ROW F 73(4) Riceville - Armington
Length: Portions of 11.121 miles-Fencing
Contract Awarded: Nov. 21, 1967
Amount of Contract: $21,519.00
Work Not Started

Bohleen Construction, Contractor
Wilsall, Montana
Glen Enderson, Res. Engr. I
Belt, Montana
Comp. Date: 60 Calendar Days
Prob. Comp. Date: Indefinite

To date no work done by either State or contractor's forces.

F 73(5) U-1 Riceville - Armington
Length: 11.121 miles, Cascade Co.
Gr. Agg. Surf., PMBS and Drain
Contract Awarded: Sept. 28, 1967
Amount of Contract: $1,628,464.47
Work Started: October 16, 1967

F & S Contracting Co., Contractor
Butte, Montana
Glen Enderson, Resident Engr. I
Belt, Montana
Comp. Date: 280 Calendar Days
Prob. Comp. Date: June 15, 1969

Progress was fair. A Shutdown Work Order was issued effective November 24, 1967. Contractor engaged in Clearing and Grubbing sta. 620+00 to 622+00 and sta. 815+00 to 869+00; grading operations underway sta. 963+00 to 983+00. 13,690 cu. yds. of Uncl. Exc. were moved for a total of 75,370 cu. yds. to date. 84' of 24" R.C.P. Cl. 2 was installed at sta. 1117+55. Trenching for Missile Cable Relocation at sta. 955+50. Items and their percentages of completion are: Clearing and Grubbing, 38%; Uncl. Exc., 5%; Roadbed Comp., 5%; Culvert Exc., 10%; Drainage Structures, 25%; and Blk. Seamless Pipe, 76%. An average of 33 men worked four 10 hour shifts. Project as a whole is 4.3% complete with 13.6% of the contract time elapsed. Construction Layout is 47% complete with 4 men of an 11 man engineering crew inspecting.

F 73(5) U-2 Riceville - Armington
4 Structures over Belt Creek
1 - 164.0', 1 - 158.0', 1 - 181.5' and
1 - 163.0' Structure
Contract Awarded: October 27, 1967
Amount of Contract: $388,191.41
Work Started: Nov. 10, 1967

Waddell Construction Co., Contractor
Helena, Montana
T. G. Tomich, Resident Engr. II
Great Falls, Montana
Comp. Date: 200 Calendar Days
Prob. Comp. Date: Sept. 30, 1968

Progress was fair. There were 17 men employed four 8 hour shifts placing Concrete, tying Resteel, excavating and building Forms. A summary of the project: Structures at stas. 838+ and 911+ have not been started; Structure at sta. 959+ has the Footing at #1 ready for placing and the Footing at #2 is 50% excavated; Structure at sta. 1161+ has the Footings placed for #1 and #3. The following items and their percentages of completion are: Str. Exc., 14%; Shoring & Cribs, 18%; Class A Conc., 18%; Class AD Conc., 1%; and Resteel, 1%. Project as a whole is 4% complete with 5% of the contract time elapsed. Two man engineering crew is engaged in layout and inspection. Construction Layout is 55% complete. Remaining Structures will be staked as time permits.

U 224(10) Central Ave. West - Gt. Falls
0.414 miles, Cascade County
Grade, Agg. Surf., PMBS and Drain
Contract Awarded: November 22, 1966
Amount of Contract: $214,289.15
Work Started: April 4, 1967

Nilson-Smith Construction Co., Contr.
Great Falls, Montana
Dale D. Moore, Resident Engr. I
Great Falls, Montana
Comp. Date: 120 Calendar Days
Prob. Comp. Date: Dec. 30, 1967

Project is currently on a Shut Down Order. Minor work will be completed as soon as the weather improves. A Utility Work Order is being prepared to replace the damaged Fire Alarm System.

U 224(13) Central Ave. West (9th to 14th St.)
0.414 miles of Highway Lighting in Gt. Falls
Contract Awarded: July 18, 1967
Amount of Contract: $21,581.20
Work Started: July 31, 1967

Rainbow Electric, Contractor
Great Falls, Montana
Dale D. Moore, Resident Engr. I
Great Falls, Montana
Comp. Date: 90 Calendar Days
Prob. Comp. Date: March 1, 1968

Due to non-arrival of materials, a Suspend Work Order was issued August 9, 1967. A check with contractor today revealed that materials have not yet arrived. Contractor employed 2 men on one 4 hour shift covering Standard Foundations as a safety precaution. Engineering crew engaged in work on other projects. Percentages of completion are: 1½" Steel Conduit, 92%; 1½" Plastic Conduit, 100%; Class A Conc., 93%; and Pull Box Type 2, 100%. Project is 20% complete with 0% of the contract time elapsed.

U 277(7) Safety
Intersection East of Great Falls
Channelization, Lights and Signs
Contract Awarded: Feb. 21, 1967
Amount of Contract: $61,737.75
Work Started: June 26, 1967

Western Sign Corp., Contractor
Great Falls, Montana
Harry Strong, Resident Engr. I
Great Falls, Montana
Comp. Date: 60 Calendar Days
Completed: Sept. 7, 1967

It is anticipated this final will be checked and submitted to Helena on or about December 8, 1967.

S 312(5) Great Falls - North
Length: 5.877 miles
Grade, Agg. Surf., PMBS, Drain
Contract Awarded: Sept. 29, 1966
Amount of Contract: $629,092.02
Work Started: October 18, 1966

Nilson-Smith Const. Co., Contr.
Great Falls, Montana
H. C. Strong, Resident Engr. I
Great Falls, Montana
Comp. Date: 150 Calendar Days
Completed: October 26, 1967

Final estimate will be submitted to the Division Office December 8, 1967.

F 9999(6) Great Falls Streets
Traffic Control Devices
13.170 miles, Cascade County
Contract Awarded: March 28, 1967
Amount of Contract: $68,946.53
Work Started: June 1, 1967

Skinner Enterprises, Contractor
Helena, Montana
T. G. Tomich, ResidentEngr. II
Great Falls, Montana
Comp. Date: 150 Calendar Days
Completed: Sept. 15, 1967

Final was submitted to the Division Office October 30, 1967. It is anticipated this final will be checked and submitted to Helena December 30, 1967.

C. A. McGiffin, P. E.
Division Engineer

CAM/RAB/pab

STATE HIGHWAY COMMISSION
HAVRE, MONTANA

December 1, 1967

State Highway Commission
Helena, Montana

Weekly News Letter
Division 3230

Gentlemen:

Following please find Division 3230 progress report for the week ending Dec. 1, 1967:

GENERAL

Weather during the past week has been partly cloudy with daytime temperatures ranging from 10 to 45 above. Roads are in good travel condition.

PRECONSTRUCTION

S 12(11), Harlem - Turner
6.742 miles, Blaine County
Design Started: 6/29/67

L. D. Nelson, Div. Off. Engr.
Havre, Montana
Probable Completion Date: Unknown

This project is to be extended, therefore there will be no further work on design until after the extension is made. Design remains 1% complete with 5 man-days used to date.

F 67(11), Conrad - Shelby
0.3 mile location survey
Survey Started: 11/20/67

R. W. Freeman, Resident Engineer II
Shelby, Montana
Probable Completion Date: 12/6/67

A 6 man engineering crew worked 3½ days on the location survey which is 97% complete with 39 man-days used to date.

F 210(4), Babb - South
Truck Escape Ramps Location Survey
Survey Started: 11/17/67

Hugh M. Klepzig, Resident Engineer I
Browning, Montana
Probable Completion Date: 12/15/67

A 5 man engineering crew worked 2½ days completing all but plan, profile and part of the cross-sections of ramp No. 2. Ramp No. 1 is complete except for plan and profile. There are 4 ramps to be surveyed. The survey as a whole is 41% complete with 38 man-days used to date.

S 219(6), Big Sandy - Rudyard
6.217 miles, Hill County
Design Started: 4/27/67

L. D. Nelson, Div. Off. Engr.
Havre, Montana
Probable Completion Date: 3/1/68

No work on design during the past week. Design remains 35% complete with 44 man-days used to date.

S 316(12), Cut Bank - North
0.1 mile location survey

R. W. Freeman, Resident Engineer II
Shelby, Montana

S 316(12) (Cont.)
Survey Started: 11/17/67 Probable Completion Date: 12/15/67

No work on the location survey during the past week. The survey remains 10% complete with 4 man-days used to date.

S 435(1), Harlem Street and Road
1.4 miles location survey
Survey Started: 8/17/67

Samuel Hatty, Resident Engineer II
Havre, Montana
Probable Completion Date: Unknown

No work on the location survey during the past week. Work to date consisted of locating control points. The survey as a whole is 0% complete with 5 man-days used to date. No further work will be done on this survey until advised by the Preconstruction Dept.

F 9999(8), Shelby & Rural Toole Co.
45.8 miles signing project
Work Started: 11/20/67

R. W. Freeman, Resident Engineer II
Shelby, Montana
Completed: 11/27/67

One engineer worked 1 man-day completing the survey. The hardshell and tracings were submitted to the division office on 11/28/67.

CONSTRUCTION

LSI 15-8(2) 387, Sweetgrass - Canadian Line
Safety Rest Area and Beautification
Contract Let: 2/21/67
Amount of Contract: $101,589.65
Work Started: 4/17/67

N. L. Garrick Construction Company
Missoula, Montana
R. W. Freeman, Resident Engineer II
Shelby, Montana
Contract Time: 180 calendar days
Probable Completion Date: 6/1/68

Poor progress was made during the past week. Work consisted of installing 5 double fence panels or 71% complete. All work is complete except for remaining fencing, planting trees, slope protectors and minor work. Planting trees and completion of slope protectors will be done next spring. The project as a whole is 92% complete with 88% of the contract time elapsed. The contractor worked 4 eight hour shifts with 3 men employed. Construction layout is 100% complete. One engineer is engaged in construction supervision.

ER 57(4) U2, Valier - North & West
0.658 mile approaches Birch Creek Bridge
ER 57(5) U2, Valier - Cut Bank
0.923 mile approaches Two Medicine Bridge
S 193(6), Valier - North & West
1.955 miles grade and drain
3.536 miles, Pondera County
Contract Let: 7/27/65
Amount of Contract: $173,500.00
Work Started: 8/30/65

Wickens Brothers Construction
Suffolk, Montana
James A. Dolan, Resident Engineer I
Valier, Montana
Contract Time: 250 calendar days
Completed: 8/25/67

The final estimate and supporting data will be submitted to Great Falls on 12/6/67.

F 152(9), Harlem - Dodson
5.220 miles grade, aggr. surf., bit. stabilized base, plant mix bit. surf. and 25' conc. bridge

Schultz and Lindsay
Billings, Montana
Samuel Hatty, Resident Engineer II
Havre, Montana

F 152(9) (Cont.)
S 217(2), Zurich - North
1.465 miles plant mix bit. surf.
Contract Let: 7/18/67
Amount of Contract: $991,641.05
Work Started: 10/9/67
Winter Shutdown: 11/28/67

Contract Time: 250 calendar days
Probable Completion Date: 8/1/68

A winter shutdown was issued on 11/28/67. Unclassified borrow excavation remains 61% complete. Unclassified excavation remains 81% complete. CSP culverts remain 49% complete. Plans are to resume work as soon as possible next spring to complete excavation quantities. The contractor might move a crusher to the project and stockpile surfacing materials this winter. The project as a whole remains 22% complete with 20% of the contract time elapsed. The PTW is in good travel condition. Construction layout is 85% complete. A 7 man engineering crew is engaged in construction supervision.

ROW F 190(5) U3, Birch Creek - Browning
5.838 miles fencing
Contract Let: 1/24/67
Amount of Contract: $9,316.10
Work Started: 5/19/67

Walter Mackin and Son
Billings, Montana
Hugh M. Klepzig, Resident Engineer I
Browning, Montana
Contract Time: 90 calendar days
Completed: 11/6/67

The final estimate was submitted to the division office on 11/29/67 and will be forwarded to Great Falls on 12/6/67.

ROW F 190(5) U4, Birch Creek - Browning
F 190(9), Birch Creek - Browning
1,179 rods farm fence and 64 lin. ft. gates
Contract Let: 7/18/67
Amount of Contract: $3,665.00
Work Started: 8/17/67

Bob Clark and Son
Choteau, Montana
Hugh M. Klepzig, Resident Engineer I
Browning, Montana
Contract Time: 45 calendar days
Completed: 9/20/67

The final estimate was submitted to the division office on 11/29/67 and will be forwarded to Great Falls on 12/6/67.

F 190(8), Birch Creek - Browning
5.838 miles grade, aggr. surf.,
plant mix surf. and drain
Contract Let: 11/22/66
Amount of Contract: $616,318.09
Work Started: 6/9/67
Seasonal Shutdown: 10/20/67

Hilde Construction Company, Inc.
Great Falls, Montana
Hugh M. Klepzig, Resident Engineer I
Browning, Montana
Contract Time: 200 calendar days
Probable Completion Date: 6/1/68

A seasonal shutdown was issued on 10/20/67. The project is complete through the prime. Plans are to complete the project next spring. Plant mix aggregate has been crushed and stockpiled. The project as a whole remains 74% complete with 62% of the contract time elapsed. The roadway is in good travel condition. Construction layout is 100% complete. One engineer is working on final quantities.

ROW S 193(8), Valier - Cut Bank
9.557 miles fencing
Contract Let: 11/21/67
Amount of Contract: $20,908.20
Work Not Started

Bob Clark & Son Fencing Co.
Choteau, Montana
James A. Dolan, Resident Engineer I
Valier, Montana
Contract Time: 90 calendar days
Probable Completion Date: 10/1/68

ROW S 193(8) (Cont.)
A preconstruction conference is scheduled for 12/7/67 at Valier. The contractor has not advised when work will begin.

S 193(9), Valier - Cut Bank
3.389 miles grade and drain &
6.055 miles aggr. surf. and plant
mix bit. surf.
Contract Let: 7/26/66
Amount of Contract: $406,387.46
Work Started: 9/20/66

Baltrusch Construction Company
Havre, Montana
James A. Dolan, Resident Engineer I
Valier, Montana
Contract Time: 150 calendar days
Completed: 10/26/67

One man worked 1 day on the final estimate which is 26% complete and will be submitted to the division office about 12/15/67.

S 193(10), Valier - Cut Bank
9.557 miles grade, aggr. surf., plant mix
surf., and 91.5 conc. beam bridge
Contract Let: 9/26/67
Amount of Contract: $779,953.39
Work Started: 10/9/67

Peter Kiewit Sons Company
Billings, Montana
James A. Dolan, Resident Engineer I
Valier, Montana
Contract Time: 180 calendar days
Probable Completion Date: 9/15/68

Fair progress was made during the past week. 3,500 cu. yds. of unclassified excavation were moved for a total of 70,000 cu. yds. to date or 11% complete. 54 lin. ft. of RCP culverts were installed for a total of 358 lin. ft. to date or 8% complete. Riprap is being hauled and stockpiled for bridge ends. The Glacier Electric Co. and Mountain States Telephone co. are in the process of moving utility lines. Utility moves are about 41% complete. The subcontractor for the bridge started work on 11/29/67. The project as a whole is 4% complete with 9% of the contract time elapsed. The contractor worked 1 nine hour shift with 21 men employed on unclassified excavation and culverts and 2 nine hour shifts with 8 men employed on the structure. Grading operations have been shutdown for the winter. The PTW is in poor travel condition. Construction layout is 64% complete. An 8 man engineering crew is engaged in construction supervision and construction layout.

F 220(11), Cut Bank - Ethridge
7.369 miles grade, aggr. surf., plant
mix bit. surf. and drain
Contract Let: 7/26/66
Amount of Contract: $728,486.61
Work Started: 9/1/66

Hilde Construction Company, Inc.
Great Falls, Montana
R. W. Freeman, Resident Engineer II
Shelby, Montana
Contract Time: 180 calender days
Completed: 9/1/67

A 3 man engineering crew is working on the final estimate which is 55% complete and will be submitted to the division office about 12/15/67.

S 222(6), Gildford - North &
S 245(3), Gildford - South
12.509 miles plant mix surf., 101.5'
conc. beam bridge and approaches
Contract Let: 8/22/67
Amount of Contract: $250,253.68

Holland Construction Company
Billings, Montana
John Monroe, Bridge Inspector
Havre, Montana
Contract Time: 120 calendar days
Probable Completion Date: 8/15/68

Fair progress was made during the past week. 900 tons of cover material were crushed and stockpiled for a total of 1,000 tons to date or 36% complete. Plant mix aggregate, top surfacing and 3" selected surfacing have been crushed and stockpiled. The sub-

S 222(6) (Cont.)
contractor for the bridge has moved all personnel and equipment to another project. Plans are to resume work on the bridge about 12/18/67. Beams remain 100% complete. Riprap remains 33% complete. Class AD concrete remains 37% complete. Piles remain 100% complete. Reinforcing steel remains 11% complete. Bents and pier are all 100% complete. The project as a whole is 24% complete with 36% of the contract time elapsed. The contractor worked 5 nine hour shifts with 6 men employed. The roadway and 1 mile detour around the bridge site are in good travel condition. Construction layout is 100% complete. A 2 man engineering crew is engaged in construction supervision.

S 237(6), Oilmont - East
5.339 miles grade, aggr. surf., plant mix surf., drain and 70' conc. beam br.
Contract Let: 5/23/67
Amount of Contract: $394,706.12
Work Started: 6/19/67
Seasonal Shutdown: 11/1/67

Winslow Construction Company
Missoula, Montana
R. W. Freeman, Resident Engineer II
Shelby, Montana
Contract Time: 150 calendar days
Probable Completion Date: 6/15/68

A seasonal shutdown order was issued on 11/1/67. All work is complete through the prime. Plant mix aggregate has been crushed and stockpiled. The project as a whole remains 82% complete with 87% of the contract time elapsed. The roadway is in good travel condition. Construction layout is 100% complete.

F 252(19) U1, Fort Benton - Havre
5.125 miles grade, aggr. surf., plant mix surf. and drain
Contract Let: 9/28/65
Amount of Contract: $339,346.07
Work Started: 12/6/65

Baltrusch Construction Company
Havre, Montana
Samuel Hatty, Resident Engineer II
Havre, Montana
Contract Time: 270 calendar days
Completed: 9/1/67

The final estimate and supporting data were submitted to the division office on 11/8/67 and will be forwarded to Great Falls on 12/6/67.

S 430(3) U1, Chinook - Southwesterly
3.605 miles grade, aggr. surf., plant mix surf. and drain
Contract Let: 10/25/66
Amount of Contract: $70,143.55
Work Started: 11/3/66

Wickens Brothers
Suffolk, Montana
Samuel Hatty, Resident Engineer II
Havre, Montana
Contract Time: 200 calendar days
Probable Completion Date: 12/31/67

No work during the past week. The contractor has moved a dozer back to the project with plans to complete all work as soon as possible. The dozer will be used to obliterate bridge approaches to old bridge. All work is complete except for removing old structure, signing and placing guide posts. The project as a whole is 98% complete with 89% of the contract time elapsed. The roadway is in good travel condition. Construction layout is 100% complete.

Respectfully submitted,

Bruce Russell, P.E.
Division Engineer

BR:eh

Division Office
Glendive, Montana
December 1,1967

Montana Highway Commission
Helena, Montana

WEEKLY NEWS LETTER
Division 4130

Gentlemen:

Herewith Weekly Construction News Letter for the week ending December 1, 1967.

GENERAL

Construction progress throughout the Division was poor this week. Weather was cold and partly cloudy. Temperatures ranged from 6 degrees to 47 degrees above zero.

PRECONSTRUCTION

I 94-6 (15) 216, Wibaux
County Line - West
Length - 17.0 miles

Unassigned
Estimated Completion Date -
April 4, 1969

Authorization was granted for preconstruction engineering on September 11, 1967. This work will be done as required.

I 94-7 (7) 233, Wibaux -
East and West
Length - 15.3 miles

Unassigned
Estimated Completion Date -
April 25, 1969

Authorization for preconstruction engineering was granted September 8, 1967. This work will be done as required.

S 128 (4), Wibaux - Sidney
Length - 13.5 miles

Unassigned

Survey on this project will begin about January 1, 1968.

PRECONSTRUCTION

F 245 (12), Glendive - Sidney — Unassigned
Length - 12.9 miles

Survey on this project has been postponed indefinitely.

F 245 (18), Glendive - Sidney — John M. Berres, Div. Off. Eng.
Length - 10.5 miles — Glendive, Montana
Survey Started - Dec. 13, 1965 — Survey completed - May 2, 1966
Design Started - April 29, 1966 — Estimated Design Completion Date - June 30, 1968

No work was done on this project during the past week. Design remains 34% complete with 105 man days used.

F 256 (25), Grass Range - Jordan — Dean V. Borgen, Res. Eng.
Length - 11.9 miles — Jordan, Montana
Survey Started - Jan. 10, 1967 — Survey Completed - April 26, 1967
Design Not Started — Estimated Design Completion Date - September 30, 1968

Survey on this project completed on April 26, 1967. Design will be started about February-1968, with an estimated completion date of September 30, 1968.

S 347 (12), Alzada - Ekalaka — John M. Berres, Div. Off. Eng.
Length - 7.5 miles — Glendive, Montana
Survey Started - Jan. 9, 1967 — Survey Completed - Feb. 28, 1967
Design Started - April 3, 1967 — Estimated Design Completion Date - June 1, 1968

No work was done on this project during the past week. Design remains 10% complete with 19½ man days used.

S-359-(6), Marsh - Glendive — John M. Berres, Div. Off. Eng.
Length - 11.0 miles — Glendive, Montana
Survey Authorized - March 18, 1963 — Survey Completed(This Portion) March 15, 1967
Survey Started - Feb. 16, 1965
Survey Suspended - March 15, 1967
Design - Not Started

Design of this project will begin about January 15, 1968.

CONSTRUCTION

S 42 (9), Jordan - Northwest
Length - 6.643 miles
Grading and Agg. Surf.
Contract Let - Nov. 21, 1967
Amount of Contract - $338,941.94
Work Not Started

Yonker, Inc., Contractor
Fargo, North Dakota
Dean V. Borgen, Res. Eng.
Jordan, Montana
Completion Date-150 Calendar Days
Prob. Completion Date -
October 1, 1968

No word has been received from the contractor as to when he plans to start work. A four-man engineering party worked three days setting reference points on 1.4 miles and retracing centerline for 1.2 miles. Construction layout as a whole is estimated to be 9% complete with 44 man days used to date.

F FG 86 (30), Miles City - North Dakota Line
Length - 5.281 miles
Grading; Agg. Surf; P.M.S.; and Concrete Overpass
Contract Let - May 23, 1967
Amount of Contract - $786,389.86
Work Started - June 21, 1967

Richardson Constr. Co., Contr.
Box 449 - Miles City, Montana
Delmer F.Borer, Res. Eng.
Baker, Montana
Completion Date-210 Calendar Days
Prob. Completion Date -
June 30, 1968

A seasonal suspend work order was issued on this project on November 15, 1967. Unclassified excavation is 100% complete, CSP and SSPP culvert are 100% complete, base course - Type "A" - 1" - first course and second course, are 95% complete, MC-70 liquid asphalt is 81% complete and emulsified asphalt SMK is 63% complete. Prime Contractor, Richardson Construction Company, poured 13.75 cu.yds. of Class "DD" concrete for curb and gutter this past week for a total of 55.75 cu.yds. or 1,174.1 lin.ft. or 100% complete. Curb and Gutter was completed on November 22, 1967. Sub-contractor, Mackin, forming deck on structure this past week. Structure excavation is 100% complete, furnish treated timber piles are 100% complete, drive treated timber piles are 100% complete, test pile treated timber are 100% complete, reinforcing steel is 36% complete and Class "AD" concrete for structure is 45% complete. Prime contractor, Richardson Construction Company, worked three 10-hour shifts this past week with six men employed. Sub-contractor, Mackin, worked three 8-hour shifts with 6 men employed. Bridge contractor, Mackin, suspended all operations on November 28, 1967. Project as a whole is 61% complete with 67% of the contract time elapsed. Construction layout with a 7-man engineering crew engaged is 91% complete.

CONSTRUCTION

F 86 (32), Miles City - North Dakota Line
Length - 6.442 miles
Grad; Agg. Surf; P.M.S.; and Drainage
Contract Let - Oct. 25, 1966
Amount of Contract - $679,049.68
Work Started - April 10, 1967

Richardson Constr. Co., Contr.
Box 449 - Miles City, Montana
Delmer F. Borer, Res. Eng.
Baker, Montana
Completion Date-250 Calendar Days
Prob. Completion Date - May 30, 1968

No work performed on this project this past week. A seasonal suspend work order was issued for this project on November 8, 1967, and all items through 1" crushed base - second course - stabilized - are 100% complete. Prime Contractor, Richardson Construction Company, producing and stockpiling - Type 3 - plant mix material from Laboratory Pit No. 342326-78 in Bowman County, North Dakota. Prime contractor has 16 men employed on this operation. Prime Contractor, Richardson Construction Company, worked three 10-hour shifts this past week stockpiling - Type 3 - plant mix aggregate. Project as a whole is 56% complete with 58% of the contract time elapsed. Construction layout with a 7-man engineering crew engaged is 92% complete.

I 94-6 (10) 213, Glendive - East and West
Length - 0.381 mile
Construct 2,013 Ft. Steel and Concrete Bridge
Contract Awarded - May 24, 1966
Amount of Contract - $1,559,034.45
Work Started - June 22, 1966

Sletten Constr. Co., Contr.
Box 2467 - Great Falls, Montana
Arthur J. Kuntz, Res. Eng.
Glendive, Montana
Completion Date-450 Calendar Days
Prob. Completion Date - August 21, 1968

Progress this past week has been poor. Four 8-hour shifts were worked with an average of 3 men per shift employed. Contractor is presently concentrating on structural steel erection on Project I 94-6 (13) 213. Work consisted of hauling stringers to project site, removal of curb and overhang forms, and placing of ice protectors on timber pile of work bridge. Project remains 75% complete with 306 calendar days or 68% of the contract time elapsed. Construction layout with two engineers is 83% complete.

I 94-6 (12) 212, Unit 1
Glendive - East and West
Length - 1.609 miles
Grading and Drainage
Contract Awarded - Jan. 24, 1967
Amount of Contract - $755,309.36
Work Started - May 5, 1967

Brasel & Sims Constr. Co., Contr.
Box 554 - Lander, Wyoming
David A. McCloy, Res. Eng.
Glendive, Montana
Completion Date-200 Calendar Days
Prob. Completion Date- May 15, 1968

CONSTRUCTION

I 94-6 (12) 212 Unit 1
Glendive-East and West (Continued)

Progress has been poor. Suspend work order issued effective November 19, 1967, remains in effect. Two 8-hour shifts were worked hauling and stockpiling embankment in place, material from borrow area No. 1. Riprap is 100% complete and unclassified excavation remains 170,612 cu.yds. or 80% complete. Project as a whole is 89% complete with 139 calendar days or 70% contract time elapsed. 24 men employed. Construction layout with one engineer and one inspector full time and three to four man survey party part time is 87% complete.

I 94-6 (12) 212 Unit 2
Glendive-East and West
Length - 1.012 miles
Fencing
Contract Awarded - Jan. 24, 1967
Amount of Contract - $5,881.50
Work Not Started

Walter Mackin and Son, Contr.
1145 North 30th Str., Billings
David A. McCloy, Res. Eng.
Glendive, Montana
Completion Date-30 Calendar Days
Prob. Completion Date -
June 15, 1968

No work on this project during past week. Contractor has delivered posts and wire and placed in storage on the project.

I 94-6 (13) 213, Glendive -
East and West
Length - 0.380 mile
Construct 1,973 Ft. Steel
and Concrete Bridge
Contract Awarded-Jan. 24, 1967
Amount of Contract - $1,518.248.38
Work Started - February 3, 1967

Sletten Constr. Co., Contr.
Box 2467 - Great Falls, Montana
Arthur J. Kuntz, Res. Eng.
Glendive, Montana
Completion Date-425 Calendar Days
Prob. Completion Date -
September 30, 1968

Progress this past week was good. Contractor worked four 8-hour shifts employing an average of 22 men per shift. Work consisted of erecting 112.6 tons of structural steel for Span No. 4, making a total of 1,055.1 tons or 67% complete. Project as a whole is 68% complete with 202 calendar days or 48% of the contract time elapsed. Construction layout with two engineers is 70% complete.

I IG 94-6 (14) 209, Unit 1
and U 199 (8), Glendive -
East and West
Length - 8.470 miles
Grad; Agg. Surf; P.M.S.;
Signing and Construct Dual
219 Ft. Pre-stressed Concrete
Structure and Grad; Agg. Surf;
and P.M.S. on Merrill Avenue
Contract Awarded - Oct. 24, 1967
Amount of Contract - $2,919.399.90
Work Started - November 10,1967

Northern Improvement Co., Contr.
Box 2025, Fargo, North Dakota
David A. McCloy, Res. Eng.
Glendive, Montana
Completion Date-400 Calendar Days
Prob. Completion Date -
October 1, 1969

CONSTRUCTION

I IG 94-6 (14) 209, Unit 1
and U 199(8), Glendive-East and West (Continued)

Progress has been poor. Suspend work order issued effective November 19, 1967, remains in effect. Construction activities this past week included stripping top soil - Station 190 + to Station 200 + and excavating and stockpiling unclassified excavation for bridge end - Station 200 ±. 36,399 cu.yds. unclassified excavation moved to date or 2% complete. 37,262 cu.yds. roadbed compaction used or 2% complete. Engineering activities this past week included slope staking mainline - Station 11 + 08.3 to Station 41 + 00 and Station 139 ± to Station 165 + 00. Project as a whole is 0% complete with 3 calendar days or 1% of the contract time elapsed. Construction layout with a twelve to sixteen man survey party is 20% complete.

I IG 94-6 (14) 209, Unit 2
Glendive - East and West
Length - 0.217 mile
Structures
Contract Awarded - Sept. 28, 1967
Amount of Contract - $757,378.13
Work Started - November 16, 1967

Northern Improvement Co., Contr.
Box 2025, Fargo, North Dakota
Clifford H. Neiffer, Res.Eng.
Glendive, Montana
Completion Date-330 Calendar Days
Prob. Completion Date -
May 15, 1969

Progress has been fair. All work performed was on bridge over Dry Creek at Station 139 + 00.49. 31 cu.yds. - Class "AD" concrete deposited for footings of eastbound Bent No. 1 and No. 2, making a total of 45 cu.yds. or 2% complete. 5,800 lbs. reinforcing steel placed making a total of 7,300 lbs. or 1% complete. Three 8-hour shifts were worked with an average of 11 men employed. Project is 1% complete with 43 calendar days or 13% of the contract time elapsed. Construction layout with one to two engineers is 11% complete.

I IG 94-6 (14) 209, Unit 3
Glendive - East and West
Length - 0.148 mile
Construct Dual 780.6 Ft.
Pre-stressed Concrete
Beam Structures
Contract Awarded - Sept. 28, 1967
Amount of Contract - $728,681.64
Work Started - November 7, 1967

Northern Improvement Co., Contr.
Box 2025, Fargo, North Dakota
A. Bonner, Res. Eng.
Glendive, Montana
Completion Date-300 Calendar Days
Prob. Completion Date -
November 30, 1968

Progress this week has been fair. Northern Improvement Company employed 24 men, working three 8-hour shifts, excavating footings, forming footings and pouring concrete. Structure excavation: 305.6 cu.yds. credited for a total of 1,343.6 cu.yds. or 33% complete.

(Continued On Next Page)

I IG 94-6 (14) 209 Unit 3
Glendive - East and West (Continued)

14 cu.yds. Class "AD" concrete credited for footings, Bent No. 5, westbound - for a total of 78 cu.yds. or 2% complete. Treated timber test pile have been driven in footings for Bent No. 11, eastbound and westbound and Bent No. 12, east bound and westbound, for 0.29 lump sum, for a total of 0.54 lump sum or 54% complete. Project as a whole is 2% complete with 14% of the contract time elapsed. Engineering layout with a three-man engineering crew is 10% complete.

I IG 94-6 (14) 209, Unit 4
Glendive - East and West
Length - 0.043 mile
Structures
Contract Awarded - Oct. 24, 1967
Amount of Contract - $518,765.77
Work Not Started

Sletten Constr. Co., Contr.
Box 2467 - Great Falls, Montana
Wilbur J. Baker, Instr-Bridge
Glendive, Montana
Completion Date-270 Calendar Days
Prob. Completion Date -
June 1, 1969

No work this past week. No men employed. Contractor plans to start structure excavation on Pier No. 2 about December 4, 1967. Contractor was Issued a Resume Work Order effective November 28, 1967. Project as a whole is 0% complete with 2 calendar days used or 0% of the contract time elapsed. Construction layout is 5% complete with two engineers.

I IG 94-6 (14) 209, Unit 5
Glendive - East and West
Length - 6.697 miles
Fencing
Contract Awarded - Oct. 24, 1967
Amount of Contract - $104,217.57
Work Not started

United States Steel Corp.,Contr.
Portland, Oregon
David A. McCloy, Res. Eng.
Glendive, Montana
Completion Date-30 Calendar Days
Prob. Completion Date -
November 1, 1969

No word has been received from the contractor as to when he plans to start work.

F 157 (24), Miles City - Jordan
Length - 10.222 miles
Grad; Agg. Surf; P.M.S.;
and Drainage
Contract Let - June 21, 1966
Amount of Contract - $770,575.65
Work Started - August 30, 1966

Northern Improvement Co., Contr.
Box 2025, Fargo, North Dakota
Dean V. Borgen, Res. Eng.
Jordan, Montana
Completion Date-260 Calendar Days
Completed - September 19, 1967

F 157 (24), Miles City - Jordan (Continued)

Final estimate and supporting data were submitted to Helena on November 29, 1967, after being checked in the Division Office. This is the final report on this project.

F 245 (19), Glendive - Sidney
Length - 6.856 miles
Grad; Agg. Surf; P.M.S.; and Construct 221.5' and 131.5' Pre-stressed Concrete Bridges
Contract Awarded - July 26, 1966
Amount of Contract - $704,007.13
Work Started - August 18, 1966

Gus M. Albert, Contr.
Box 270 - Miles City, Montana
Wayne N. Monte, Res. Eng.
Glendive, Montana
Completion Date-220 Calendar Days
Completed - October 16, 1967

Project was certified complete on October 16, 1967. No work was done on the final estimate which is estimated 94% complete. The IBM computations have arrived from Helena. The estimated submittal date of the final estimate to the Division Office will be December 6, 1967.

F 246 (18), Circle - Glendive
Length - 0.050 mile
Widening 267.0 Bridge over Redwater River
Contract Awarded - Aug. 22, 1967
Amount of Contract -$109,131.30
Work Started - Sept. 27, 1967

Sletten Constr. Co., Contr.
Box 2467 - Great Falls, Montana
Richard E. Casey, Instr.
Glendive, Montana
Completion Date-225 Calendar Days
Prob. Completion Date - September 14, 1968

Contractor was given winter suspend order effective at the end of the shift on November 21,1967. Contractor expects to resume work on April 1, 1968. At time of shut down, project as a whole, was 25% complete with 66 calendar days used or 29% of the contract time elapsed.

F 247 (20), Jordan - Circle
Length - 1.022 miles
Grading; Agg. Surf; Road Mix Bituminous Surfacing
Contract Let - June 26, 1967(Alt.A)
Amount of Contract - $176,257.28
Work Started - August 1, 1967

Harry Norgaard Co., Contr.
Box 1230-Williston, North Dakota
Dean V. Borgen, Res. Eng.
Jordan, Montana
Completion Date-90 Calendar Days
Prob. Completion Date - May 15, 1968

No progress this past week. Winter shut down order issued effective at close of work on November 13, 1967. Sub-contractor is presently setting up a roll crusher and plans to start producing and stockpiling 5/8" - Type "A" - top surfacing on November 29, 1967. All other items remain completed through 1½" base surfacing. Project as a whole is 70% complete with 104 calendar days used or 116% of the contract time elapsed. Construction layout with two engineers working part time is estimated to be 93% complete.

CONSTRUCTION

F 256 (24) Unit 1
Grass Range - Jordan
Length - 9.754 miles
Grading; Agg. Surf; Plant
Mix Surfacing
Contract Awarded - Aug. 22, 1967
Amount of Contract - $1,246,626.92
Work Started - Sept. 19, 1967

Hilde Constr. Co., Contr.
Box 2287-Great Falls, Montana
Dean V. Borgen, Res. Eng.
Jordan, Montana
Completion Date-250 Calendar Days
Prob. Completion Date -
November 5, 1968

Progress this past week has been poor. Suspend work order was issued at close of work on November 22, 1967, constituting a winter shut down. Contractor worked two 9-hour shifts employing an average of 52 men. Work consisted of moving 21,000 cu.yds. of unclassified excavation for a total to date of 741,709 cu.yds. or 53% complete. 21,000 cu.yds. of roadbed compaction made for a total to date of 765,131 cu.yds. or 54% complete. Pipe drains remain 2,710 lin.ft. installed or 60% complete; SSPP culvert remain 412 lin.ft. - 144 in. installed or 100% complete; culvert excavation remains 1,483.6 cu.yds. or 57% complete; bedding material remains 1,319.2 cu.yds. or 82% complete; Type "B" riprap remains 43.7 cu.yds. or 88% complete; and Class "DD" concrete deposited remains 8.4 cu.yds. or 59% complete. Project as a whole is 29% complete with 61 calendar days used or 24% of the contract time elapsed. Six man engineering party slope staked 0.5 mile making this 75% complete. Construction layout with three testers and/or inspectors and 0 to 6 engineers is 57% complete.

S 398 (3), North of Plevna-Baker
Length - 6.093 miles
Grading; Agg. Surf; and Drainage
Contract Let - April 25, 1967
Amount of contract - $170,200.38
Work Started - July 5, 1967

Oil Field Service, Inc., Contr.
Tioga, North Dakota
Howard D. Kelly, Res. Eng.
Baker, Montana
Completion Date- 150 Calendar Days
Completed - November 1, 1967

Project was certified complete on November 1, 1967. One to four men worked part time on final estimate and supporting data. All notes except for earthwork quantities were submitted to Division Office on November 28, 1967. Final earthwork quantity sheets were received from Helena on November 29,1967. Overhaul is being computed and computation sheets will be submitted to Division Office about December 8, 1967. Final estimate is 95% complete.

Respectfully,
Richard R. Matthew
R. R. Matthew, P.E., Division Engineer

RRM:jr

STATE HIGHWAY COMMISSION
Wolf Point, Montana
December 1, 1967

CONSTRUCTION PROGRESS REPORT

State Highway Commission
Helena, Montana

WEEKLY NEWS LETTER
Division 4230

Gentlemen:

The following Construction Progress Report for the week ending December 1, 1967, for Division 4230, Wolf Point.

GENERAL

Weather conditions have been generally favorable. The temperature ranged from a low of 4 to a high of 38.

PRECONSTRUCTION

S 000S (5), Safety Project — Unassigned
Phillips Countywide Signing
Authorized--Nov. 14, 1966

No additional information is required at this time.

S 000S (13), Safety Project — Unassigned
Valley Countywide Signing
Authorized--8-11-67

No additional information is required at this time.

S 000S (14), Safety Project — Unassigned
Roosevelt Countywide Signing
Authorized--8-4-67

No additional information is required at this time.

S 000S (15), Safety Project — Unassigned
Dnaiels Countywide Signing
Authorized--8-4-67

No additional information is required at this time.

S 8 (12), Opheim-Scobey — Unassigned
Approximately 9.2 Miles in Length
Authorized--September 8, 1967
Location Survey Started

We will probably start the survey about December 11, 1967.

F 152 (8), Dodson-N.W. (Partial Safety)
Approximately 7.4 Miles in Length
Authorized--December 6, 1965
Location Survey Started--1-10-66

Ben Harada, Div.Ofc.Engr. II
Wolf Point, Montana
Act.Compl.(Field Work)--5-4-66
Est.Compl.(P.I.H.)--12-30-67

No work was accomplished on design during the period and a total of 104 man days has been worked to date on design. A hydraulics study of irrigation facilities under control of the Bureau of Reclamation was made on September 21. It may be necessary to construct one bridge not previously contemplated and further study on this structure will be necessary. The design crew is presently engaged in checking final estimates and the design will be temporarily delayed. The design remains approximately 44% complete and should be completed to plan in hand stage by December 30th.

F 193 (18), Culbertson-Plentywood
Approximately 9.6 Miles in Length
Authorized--December 9, 1966
Location Survey Started--1-30-67

James Baldwin, Res.Engr. I
Culbertson, Montana
Est.Compl.(Field Work)--3-1-68

The survey was suspended on May 9th due to construction activities, with center-line, bench marks and profile being completed. The survey was re-opened on July 12, and again suspended on July 14 with a 6 man engineering crew gathering data for a hydraulics study of various drainage structures. The survey remains 31% complete with a total of 134 man days having been worked. There was no work accomplished during the period. It is expected that work will be resumed on the survey about Feb. 1, 1968.

S 239 (3), Nashua-North-
Authorized--Dec. 15, 1965
Approximately 8.5 Miles in Length
Location Survey Started--12-20-65

Ben Harada, Div.Ofc.Engr. II
Wolf Point, Montana
Compl.(Field Work)--2-4-66

The project was graded and drained to Secondary Road Standards by Valley County Forces. No work will be accomplished on design until the project is ready for a surfacing contract.

F 266 (8), Wolf Point Bridge-Scobey-Canadian Line
Approximately 9.5 Miles in Length
Authorized--7-21-67
Location Survey Started--9-7-67

James Baldwin, ResEngr. I
Scobey, Montana
Field Work Compl.--10-26-67

All field work has been completed. The Lab has completed prospecting for surfacing material and the samples will be run in the Lab and gravel sources tied by 12-15-67.

S 337 (10), Malta-Loring
Approximately 10.9 Miles in Length
Authorized--9-8-67
Location Survey Started--11-16-67

Duane Novakovich, Res.Engr. 1
Malta, Montana
Est.Compl.(Field Work)--4-1-68

8 man days were worked during the period making a total of 23 man days to date and the survey is approximately 1% complete. The crew has been running a fly line and investigating alternate lines. The line has now been established subject to the County Commissioners approval. This should be established during the week of Dec. 4. It is estimated that it will take 250 man days for the survey and that all field work will be completed by April first.

S 415 (1), Medicine Lake-East
Approximately 15.9 Miles in Length
Authorized--Dec. 18, 1962
Location Survey Started--Feb. 6, 1963

Ben Harada, Div.Ofc.Engr.II
Wolf Point, Montana
Field Work Compl.(6.04 Mi.)--3-18-63
Design Compl.(6.04 Mi.)--10-25-63

The design of the remaining 9.9 miles will not be started until approximately January 1968.

S 417 (1), Antelope-Coalridge
Approximately 13.0 Miles in Length
Authorized--9-21-63
Location Survey Started--Jan. 17, 1963

Ben Harada, Div.Ofc.Engr. II
Wolf Point, Montana
Field Work Compl.(7 Mi.)--2-5-63
Design Compl.(7 Mi.)--5-10-63

The Survey of the remaining six miles will probably be started approximately February first of 1968.

S 429 (3), SE of Wolf Point-Hungry Creek
7.107 Miles in Length
G., G.S., P.M.S.
Contract Let--
Contract Awarded--
Bid Price--
Proceed Order Date--

Unassigned

Construction layout will probably be started about March first.

CONSTRUCTION

S 15 (13), Poplar-Flaxville
7.194 Miles in Length
F 266 (7), Scobey Main Street
0.605 Miles in Length
G., G.S., PMS & Curbs
Contract Let--11-30-65
Contract Awarded--12-1-65
Proceed Order Date--12-21-65
Bid Price--$495,219.49
Work Started--5-4-66

R.J.Sundling & Sons Constr. Co.
Livingston, Montana
James Baldwin, Res.Engr. I
Scobey, Montana
Calendar Days--180
Act.Compl.Date--9-5-67

The final estimate was submitted to Helena on November 27, 1967 for S 15 (13) and the final estimate for F 266 (7) was submitted on November 17th. This will be the last report.

S 15 (14), Poplar-Flaxville
6.987 Miles in Length
G., G.S., P.M.S. and Widen Bridge
Contract Let--5-23-67
Contract Awarded--5-23-67
Proceed Order Date--6-12-67
Shutdown Order Date--6-11-67
Bid Price--$258,035.45
Resume Work Order--6-26-67
Work Started--7-20-67
Seasonal Shutdown Order --11-1-67

Gus Albert - Contractor
Miles City, Montana
James Baldwin, Res.Engr. I
Scobey, Montana
Calendar Days--150
Prob.Compl.Date--5-1-68

S 15 (14), Poplar-Flaxville--cont'd.

The project has been shutdown for the winter. The project is complete thru the prime and the plant mix surface remains at 1,771 tons or 11% complete. All plant mix aggregate has been produced and stockpiled for future use. The 3/8" cover material has also been stockpiled. The contract is now 74% complete with 78% of the contract time elapsed. There are no state employees engaged on the project.

CJF 84 (1), US 2, West of Poplar (0.4 Miles)
CJF 155 (1), US 2, 1.5 Mi. N.W. of Glasgow (0.3 Miles)
CJF 333 (1), US 191, 2 Miles S.W. of Malta (0.3 Miles)
CJF 240 (1), US 2 East of City Limits of Wolf Point 0.3 Miles)
Junkyards Screening
Contract Let--6-20-67
Contract Awarded--6-26-67
Bid Price--$13,109.50

ZEKAY, Inc.
Bonner, Montana
Compl.Date--5-31-68
Prob.Compl.Date--5-31-68

Terms of the contract will prevent any construction until next spring. No construction layout will be started until the contractor is ready to begin work.

F 84 (34), West of Wolf Point-N.D. Line
Construction of 90.0' Conc. Bridge & Installation of Structural Plate Pipe
Contract Let--5-23-67
Contract Awarded--5-23-67
Bid Price--$89,786.90
Work Started--6-7-67

Walter Mackin & Son
Billings, Montana
Marvin Presser, Bridge Insp.
Culbertson, Montana
Calendar Days--100
Act,Compl.Date--10-17-67

The project was completed in its entirety on October 17th with all of the contract time elapsed. One man has been checking on the final estimate as time permits and the final estimate is now approximately 75% complete and should be submitted to the Division Office by December 8 and should be submitted to Helena by December 15th.

F 142 (10), Malta-Saco (East Section)
9.844 Miles in Length
S 335 (8), Legion Plunge Road
1.415 Miles in Length
G., G.S., P.M.S.
Contract Let--2-15-66
Contract Awarded--2-15-66
Seasonal Shutdown Order--3-6-66
Bid Price--$873,117.75
Proceed Order Date--3-7-66
Work Started--4-2-66
Resume Work Order--6-20-66
Seasonal Shutdown Order--11-20-66
Resume Work Order--8-21-67

R.J. Sundling & Sons & Co. & Wickens Brothers Constr.
Livingston & Suffolk, Montana
Duane Novakovich, Res.Engr. I
Malta, Montana
Calendar Days--220
Act..Compl.Date--11-25-67

F 142 (10). The contractor completed the guard rail and anchors on Nov. 25th making the project 100% complete. 4 men were employed and worked two-9 hour shifts. The final estimate is approximately 80% complete and should be submitted to the Division Office by December 15 th. and to Helena by January 5th.

S 335 (8). The final estimate is 98% complete and should be submitted to the Division Office by December 5. The final estimate should be submitted to Helena by January 5, 1968.

F [illegible]2 (15), Malta-Saco
[illegible] Miles in Length
Two Structures
F [illegible] ([illegible]), Saco-East
[illegible] Miles in Length
[illegible]ters and Guard Rail
Contract Let--10-24-67
Contract Awarded--10-27-67
Proceed Order Date--
Bid Price--$143,761.08
Work Started--

Fred Strandberg Constr. Co. &
Miles Construction Co.
Helena, Montana
Unassigned
Prob.Compl.Date--7-15-68
Compl.Date--7-15-68

[illegible] of the contract will prevent any major construction until next spring. Construction layout will not be started until the contractor advises his tentative starting date.

[illegible] ([illegible]), Railroad Crossing-Nashua
(Safety)
Railroad Crossing, Revision of Facilities
and [illegible] Signals with Short Arm Gates
Contract Price--$9,045.00
Proceed Order Date--10-[illegible]
Work Started--

Great Northern Railroad Co.
St. Paul, Minnesota
Unassigned
Compl.Date--Unknown

[illegible] plans for construction.

[illegible] ([illegible]), [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] Northern Railroad Co.
St. Paul, Minnesota
[illegible]
[illegible]

[illegible] approach [illegible]

[illegible]

[illegible]

[illegible]

S 387 (3), Bridge over Mo. River--cont'd.

Progress during the past week has been fair. Work consisted of placing 13,036 pounds of reinforcing steel and 77 cu. yds. of Class AD Concrete in the footing pad at Pier 3, Driving 881 lineal feet of untreated timber piling at Pier 4 and 810 lineal feet of treated timber piling at Bent 1 and setting Pier shaft form at Pier 3. The subcontractor excavated, placed 444 cu. yds. of gravel blanket, 662 cu. yds. of Type B riprap, 1113 cu. yds. of Riprap Special and backfilled around Bent 1 and 2. To date, 34500 cu. yds. of Unclassified Excavation have been moved or 98% complete, 33000 cu. yds. of Unclassified Borrow have been moved or 88% complete, 36034 cu. yds. of Embankment In Place have been hauled or 75% complete, and 1413 cu. yds. of Riprap Special have been placed or 28% complete. 225 cu. yds. of Class A Concrete have been placed or 37% complete, 408 cu. yds. of Class AD Concrete have been placed or 16% complete, 8998 lineal feet of untreated timber piling have been driven or 43% complete and 5144 cu. yds. of structure excavation have been moved or 81% complete. N.A. Nelson worked eight-8 hour shifts with 21 men employed while Holland Construction worked seven-9½hour shifts with 5 men employed. The project as a whole is 34% complete with 44% of the contract time elapsed. Under terms of the contract, a Suspend work order will be issued effective 12-1-67. Construction layout, with a three man engineering crew engaged, is 70% complete.

S 428 (3) U-1, Wagner South-Malta East
9.138 Miles in Length
G., G.S., P.M.S.
Contract Let--June 21, 1966
Contract Awarded--7-1-66
Proceed Order Date--7-21-66
Seasonal Shutdown Order--7-20-66
Bid Price--$812,261.64
Work Started--7-27-66
Resume Work Order--8-17-66
Seasonal Shutdown Order--12-3-66
Resume Work Order--5-9-67

Holland Construction Co.
Billings, Montana
Harold Kelly, Res.Engr. 1
Malta, Montana
Calendar Days--200
Act.Compl.Date--9-20-67

The final estimate is in the Division Office for checking. Checking is approximately 20% complete and the estimate should be submitted to Helena by Dec. 15.

S 438 (3), Bainville-North & West-Froid
10.307 Miles in Length
G., G.S., & P.M.S.
Contract Let--10-24-67
Contract Awarded--10-24-67
Proceed Order Date--11-13-67
Bid Price--$682,347.93
Work Started--11-6-67
Seasonal Shutdown--11-20-67

Gus Albert - Contractor
Miles City, Montana
James Baldwin, Res.Engr. I
Culbertson, Montana
Calendar Days--180
Prob.Compl.Date--9-15-68

S 438 (3), Bainville-North & West-Froid cont'd.

There was no progress. The unclassified excavations remains at 56,000 cubic yards or 21% complete and the small drainage item remains at 188 lineal feet or 6% complete. The contractor has moved in his gravel plant and has been engaged in blading the haul road, stripping the stockpile site and setting up the crusher. The crusher is set up in pit lab #321599-02, and production and stock piling of surfacing aggregates should be started during the week of December 4th. There are 10 men employed and none are on actual roadway items. The contract is 4% complete with 4% of the contract time elapsed. Construction layout with a 6 man engineering crew engaged is 21% complete.

G. E. Flemming, P.E.
Division Engineer

GEF:oh
cc: Brittain

STATE HIGHWAY COMMISSION
Division Office
Miles City, Montana
December 1,1967

State Highway Commission
Helena, Montana

Weekly News Letter
Division 4330

Gentlemen:

Herewith, Weekly Pre-Construction and Construction News Letter for the week ending December 1, 1967, for Division 4330 - Miles City, Montana.

GENERAL

Partly cloudy skies prevailed during the past week with from 1 to 3 inches of snow . Temperatures ranged from 1° to 30°. Progress throughout the Division was fair. All main highways are paved in the Miles City Division.

PRE-CONSTRUCTION

I 94-3 (17)76 - Rosebud County Line-East
Length - 7.2 Miles
Survey Started: October 30, 1967

Harold D. Kelly, Resident Engineer I
Forsyth, Montana
Probable Completion Date: March 20,1968

A one to seven man crew worked four days this past week. A four man crew worked one day taking topography from Station 1676+50 to 1765+97.5, making this item 94% complete. A six-man crew worked 2 days taking cross sections from Station 1387+79 to 1407+00 making this item 5% complete. 7.157 miles of centerline has been established, or 100% complete on this item. One man worked 3 days plotting hardshell, making this item 25% complete. The survey as a whole is 35 % complete or 2.505 miles, with 72 man days consumed to date.

I-IG 94-3 (16) 83 - Forsyth-West
Length - 7.2 Miles
Survey Started: November 7, 1967

Harold D. Kelly, Resident Engineer I
Forsyth, Montana
Probable Completion Date: March 20,1968

No work was performed on this project during the past week. To date, centerline has been run on 7.003 miles or 100% complete. 28 man days have been used to date and the survey as a whole is 13% complete. Survey crew is working on Project I 94-3 (17)76.

I 94-3 (20) 114 - Hathaway-East & West
Length - 4.9 Miles

Unassigned

Authorization to make this survey was issued October 7, 1967. This survey will commence approximately April 3, 1968 when construction personnel are available.

I 94-4 (16) 119 - Hathaway-East — Unassigned
Length - 8.6 Miles

Location survey work was authorized on this project October 9, 1967. Survey will begin on this project approximately March 1, 1968, when construction personnel will be available.

I 94-4 (17) 127 - Miles City-West — Unassigned
Length - 8.5 Miles

Authorization to make a location survey on this project was issued September 8, 1967. Survey work will begin on this project when construction personnel are available, which will be approximately January 20, 1968.

I 94-4 (18) 136 - Miles City-East — Unassigned
Length - 12.0 Miles

Authorization to make a location survey on this project was issued September 11, 1967. Location survey work will begin approximately December 6, 1967.

F 86 (17) & F 86 (18) - Miles City-North Dakota Line — Delmer F. Borer, Resident Engineer I
Length - 4.211 Miles — Baker, Montana
Survey Resumed: November 20, 1967 — Estimated Completion Date: Dec.29,1967

Progress during the past week has been poor. As the survey crew worked temporarily on other projects. During the past week, center line was run on 2.388 miles, making a total of 3.388 miles complete or 80%. 8 man-days were used during the past week making a total of 16 man days used to date. The survey as a whole is 25% comp lete.

F-FG 135 (19) - Forsyth - Miles City — Unassigned
Length - 0.2 Mile

No work will be done in this division until requested by the pre-construction division.

F 198 (7) - Broadus - Olive — Unassigned
Length - 1.7 Miles

No work will be done on this project by the field division until requested by the pre-construction division. Benkleman Beam evaluations were made August 15, 1967.

F 334 (17) - Crow Agency-Broadus — Unassigned
Length - 18.7 Miles

No work will be done by the field division on this project unless requested by the pre-construction division. Benkleman Beam evaluations were made August 15, 1967

F 9999 (12) - Miles City and Rural — Unassigned
Custer County

Plan-in-Hand was made on this project September 13 & 14, 1967. No work will be done in this division until requested by the pre-construction division.

S 252 (1) - Rosebud-South
Length - 8.0 Miles

Unassigned

Authorization to make a complete location survey on this project was issued September 8, 1967. Survey will be started as soon as construction activities are suspended which will be approximately December 6, 1967.

CONSTRUCTION

I 94-3 (12) 76 U-1 - Rosebud Co. Line-East
Length - 7.158 Miles, Grade, Agg. Surf. Pl.
Mix Bit. Surf., Signing, Drain & 179.5'
Prestressed Concrete Beam Bridge
Contract Let: April 26, 1966
Proceed Order: May 17, 1966
Amount of Contract: $1,066,218.29
Work Started: June 15, 1966

Joe Mayo & Son and John J.Mayo, Contractor
Cavalier, North Dakota
Jesse I. Freshour, Resident Engineer I
Forsyth, Montana
Walter D. Dane, Resident Engineer I (Str.)
Forsyth, Montana
Contract Time: 300 Calendar Days
Project Completed: October 19, 1967

All work was completed on this project in accordance with the Plans, Special Provisions and Standard Specifications on October 19, 1967. Formal inspection and acceptance were made October 21, 1967. The final estimate, with five men engaged,is 90% complete. The final estimate will be submitted to the division office by December 1, 1967.

I 94-3 (12) 76 U-2 - Rosebud Co. Line-East
Length - 7.158 Miles Fencing
Contract Let: April 26, 1966
Amount of Contract: $32,063.42
Work Started: August 2, 1966

Hasse-Cathodic, Ltd., Contractor
Cody, Wyoming
Jesse I. Freshour, Resident Engineer I
Forsyth, Montana
Project Completed: September 29, 1967

All work was completed on this project in accordance with the Plans, Special Provisions and Standard Specifications on September 29, 1967. Formal inspection and acceptance were made October 13, 1967. The final estimate, with two men engaged, is 100% complete. the final estimate with supporting data will be submitted to the Helena Headquarters by December 1, 1967. This will be the final report on this project.

I-IG 94-3 (15) 76 - Rosebud Co. Line-East
Length - 14.165 Miles Seeding
Contract Let: August 22, 1967
Proceed Order: September 13, 1967
Amount of Contract: $5,969.90
Work Started: October 10,1967

Nelson Brothers Construction Co., Contr.
Salt Lake City, Utah
Jesse I. Freshour, Resident Engineer I
Forsyth, Montana
Contract Time: 30 Calendar Days
Project Completed: October 16, 1967.

All work was completed on this project in accordance with the Plans, Special Provisions and Standard Specifications on October 16, 1967. Formal inspection and acceptance were made October 17, 1967. The final estimate is currently 100% complete. The final estimate with supporting data was submitted to the division office November 14, 1967. This project is being held in the division office with an adjustment in the price of seed pending.

I-IG 94-3 (13) 83 U-1 - Forsyth- West
Length - 7.007 Miles Grade Agg. Surf.
Plant Mix Bit. Surf., Drain & Sign
Contract Let: July 26, 1966
Proceed Order: August 16, 1966
Amount of Contract: $1,282,378.26
Work Started: August 23, 1966

Peter Kiewit Sons' Co., Contractor
Billings, Montana
Ray R. Garland, Resident Engineer II
Forsyth, Montana
Contract Time: 300 Calendar Days
Project Completed: November 22, 1967

All work was completed on this project November 22, 1967, in full accordance with the Plans, Specifications and Special Provisions. Formal inspection and acceptance were made November 22, 1967. A one-man engineering crew is working on the final data, which is 45% complete. The final estimate with supporting data will be submitted to the division office about December 22, 1967.

I-IG 94-3 (13) 83 U-3 - Forsyth-West
Length - 7.007 Miles Fencing
Contract Let: July 26, 1966
Amount of Contract: $34,539.85
Work Started: October 4, 1966

Hasse-Cathodic, Ltd., Contractor
Cody, Wyoming
Ray R. Garland, Resident Engineer II
Forsyth, Montana
Contract Time: 30 Days After Notification

All work was completed on this project November 16, 1967 in full accordance with the Plans, Specifications and Special Provisions. Formal inspection and acceptance were made by the Division Engineer November 17, 1967. A one-man engineering crew is working on the final data, which is 50% complete. The final estimate with supporting data will be submitted to the division office about December 8, 1967.

F 47 (5) & F 198 (8) - Ekalaka-Baker and Broadus-Olive
Length - 0.106 Mile; Grade Agg. Surf. Road Mix; Bit. Surf; Traffic Signals and Signing
Contract Let: November 21, 1967
Proceed Order:
Amount of Contract: $42,439.53
Work not Started

Richardson Construction Company, Contr.
Miles City, Montana
Claude M. Taylor, Resident Engineer I
Broadus, Montana
Contract Time: 100 Calendar Days
Probable Completion Date: July 1, 1968

No work has been performed on this project to date. The engineering crew on Project F 407 (3) will stake this project beginning about January 3, 1968.

F 407 (3) - Wyoming Line-Biddle-Broadus
Length - 8.767 Miles Grading
Aggregate Surf. & Plant Mix Bit. Surf.
Contract Let: June 20, 1967
Proceed Order: July 17, 1967
Amount of Contract: $779,071.20
Work Started: July 19, 1967

Brasel & Sims Construction Co., Contr.
Lander, Wyoming
Claude M. Taylor, Resident Engineer I
Broadus, Montana
Contract Time: 250 Calendar Days
Probable Completion Date: Sept. 15,1968

Progress during the week has been fair. Work in progress consisted of moving 56,148 cubic yards of unclassified excavation, for a total of 844,078 cubic yards or 94% complete. 35 cubic yards of Type "A" random riprap were placed, making a total of 51 cubic yards or 22% complete. 3.8 cubic yards of Class "DD" concrete were placed for cutoff walls, making a total of 7.8 cubic yards or 39% complete. 5.5 cubic yards of Class "DD" concrete were placed for edge protection making this item 22% complete. This week 2,022 tons of 2" Type "A" base course were placed, making a total of 60,206 tons or 71% complete. 11,182 tons of 1" Type "A" base course were placed, making a total of 33,720 or 50% complete. A Suspend Work Order was issued at the close of work November 27, 1967 due to inclement weather. The prime contractor worked two 8-hour shifts four

days this week with 35 men employed, and the sub-contractor worked two 9-hour shifts with 21 men employed. The project as a whole is 58% complete with 49% of the contract time elapsed. Construction layout, with a ten-man engineering crew engaged, is 90% complete.

CJF 135 (1) - Forsyth-Miles City
Length - 0.397 Mile Plant Trees & Shrubs
Contract Let: June 20, 1967
Amount of Contract: $4,500.00
Work Not Started

Empire Sand & Gravel Co.,Inc., Contractor
Billings, Montana
Engineer Unassigned
Completion Date: May 31, 1968

No work is planned on this project until the Spring of 1968.

S 259(4)-Bridge on Rosebud-Cartersville-East
Length - 0.129 Miles; 682.03' Steel Bridge
Over the Yellowstone River
Contract Let: November 21, 1967
Proceed Order:
Amount of Contract: $496,430.93
Work Not Started

Charles M. Smith, Contractor
Thermopolis, Wyoming
Walter D. Dane, Resident Engineer I
Forsyth, Montana
Contract Time: 350 Calendar Days
Probable Completion Date: October 3, 1968

No work was performed on this project during the past week. Preliminary layout of the structure is complete and the notes have been sent to Helena to be checked. No word has been received from the contractor to date.

S 323 (14) - Colstrip-Forsyth
Length - 30.038 Miles Grade, Agg. Surf.
Road Mix Surf., Seal, Cover & 91.5'
Prestressed Concrete Structure
Contract Let: April 25, 1967
Amount of Contract: $217,577.46
Proceed Order: May 15, 1967
Work Started: May 22, 1967

Peter Kiewit Sons' Co., Contractor
Billings, Montana
Earl E. Kelly, Instrumentman
Forsyth, Montana
Contract Time: 150 Calendar Days
Project Completed: October 27, 1967

All items were completed in full accordance with Plans, Specifications and Special Provisions October 27, 1967. Formal inspection and acceptance were made October 31, 1967. The final estimate is currently 99% complete and will be submitted to the Division Office about December 13, 1967. The final is complete except for grading quantities.

Respectfully yours,

John F. Van Vynck
Division Engineer

JFVV:mmv
cc: W. K. Brittain, P.E.

STATE HIGHWAY COMMISSION
Billings, Montana

December 1, 1967

State Highway Commission
Helena, Montana 59601

Weekly News Letter
Area Function 5130

Gentlemen:

The following is a report on highway preconstruction and construction projects in Area Function 5130 for the week ending December 1, 1967.

GENERAL

Weather conditions this past week have been fair. Below seasonal temperatures prevailed throughout the Division with daytime variations from 15 to 35 degrees. Fair to good progress has been reported throughout the Division.

PRECONSTRUCTION

I 90-8(9)455 & I 90-9(8)471 Billings-Toluca
38.6 miles of location survey

Rader and Associates
Helena, Montana

Work for the week consisted of (1) drafting final construction plans, Section A, (2) drafting final cross sections, Section A, (3) revising bridge site layout Station 697+, (4) drafting 50 scale layout of Arrow Creek Interchange, (5) field ties to horizontal and vertical control points to adjacent project, Section B, (6) received preliminary earthwork computations from Montana Highway Commission computer Section B on 11-24-67, (7) contract renegotiations in progress for changes in scope of project. Contract is 48.50% complete.

I 94-1(9)25 Pompeys Pillar-East
20.5 miles of location survey

Morrison-Maierle, Inc.
Billings, Montana
Estimated completion date 6-1-70

Alternate alignments have been submitted for approval on last two miles on east end of Custer-West and decision is being made at present time. Design continues on entire project as per schedule. Contract is 44.1% complete.

F 106(9) Boyd-Rockvale
11.131 miles of roadway design

W. C. Ward, Designer
Billings, Montana

Five men worked on this project during the past week piping and preparing channel changes. Design work as a whole is 40% complete and the estimated completion date is February 23, 1968.

F 258(13) Bridger-Southeast
6.546 miles of roadway design

W. C. Ward, Designer
Billings, Montana

No work on this project during the past week. Design work as a whole is 50% complete and the estimated completion date is December 29, 1967.

I 90-8(26)451 U1 & I 94-1(14)0 U1 Lockwood-Pinehill & Pinehill-Huntley, 4.260 miles
grading agg. surf., PMS, drain & sign
Contract awarded 12-1-65
Amount of contract - $1,462,874.38
Work started 12-15-65

Schultz & Lindsay Constr. Co., Contr.
Billings, Montana
D. C. Kittelson, Resident Engineer
Billings, Montana
Contract time: 350 calendar days
Completion date 11-22-67

Good progress. The work on Change Order #24 is 100% complete as of 11-22-67. All that remains on the project is for the final to be completed, which will be submitted by December 15, 1967.

I 90-8(26)451 U3 & I 94-1(14)0 U2
Lockwood-Pinehill & Pinehill-Huntley
4.260 miles of Interstate fencing
Contract awarded 12-1-65
Amount of contract - $73,577.26
Work started 3-30-66

W. P. Roscoe Co., Contractor
Billings, Monbana
D. C. Kittelson, Res. Engr., Billings
Contract time: 30 days after
completion of roadway contract
Completion date 11-29-67

Good progress. The resetting of the chain link fence was completed on the left side from Station 1009 to 1011+20, from 1012+60 to 1014+20, from 1015 to 1017+40, from 1075+80 to 1077+80 and on the right side for the connection to the SPP culverts at Station 1013+22 and 1076+78. Also, the fence was completed around the Johnson Lane structure. Work on Change Order No. 1 is 100% complete as of 11-29-67. The project as a whole is now 100% complete. The contractor had a 3-man crew who worked 4 days on the work for Change Order No. 1. One man inspected the work in progress 4 days this week.

I 90-8(37)447 & I 90-8(46)452 & F 187(15)
Lighting South 27th St. Interchange Area
& Lockwood Flats Interchange Area
Contract awarded 8-22-67
Amount of contract - $49,275.00
Work started 11-2-67

Midland Electric Co., Contractor
Billings, Montana
K. Bowersox, Res. Engr., Billings
Contract time: 90 calendar days
Probable completion date 3-15-68

There has been no work on the project during the past week. All quantities remain the same. The project as a whole is 11% complete. A shut down order was issued 9-12-67 and will remain in effect until all material for the project have been received. No engineering time has been charged to the project.

I 90-8(45)443, F-228(23) & S-192(8)
Lighting West Billings Interchange
Contract awarded 8-22-67
Amount of contract - $106,416.30
Work started 10-16-67

Midland Electric Co., Contractor
Billings, Montana
K. Bowersoc, Res. Engr., Billings
Contract time: 120 calendar days
Probable completion date 1-31-68

Fair progress. The contractor worked 5 shifts and employed 5 men trenching for conduit between pole bases, placing conduit, and sanding trench. Traffic control is 49% complete. Alass A concrete is 100% complete. 1½" steel conduit is 51% complete. 1½" plastic conduit is 19% complete. The project as a whole is 13% complete and a 2-man engineering crew has changed 4 days to the project. A shut down order was issued 9-12-67 and will remain in effect until all material for the project have been received.

I 90-8(41)444, LSI 90-8(3)443 & LSF 2-228(2)
Beautification West Billings Interchange & seeding West Billings Interchange to U.S. 87
Date of contract 4-4-67
Amount of contract - $233,818.01
Work started 5-18-67

Sprague's Inc., Contractor
Lynnwood, Washington
K. Bowersox, Resident Engineer
Billings, Montana
Contract time: 120 calendar days
Probable completion date 5-31-68

Fair progress. Subcontractor Gibson Construction & Lockwood Service worked 6 shifts and employed 10 men. To date, approximately 37,000 cu. yds. of topsoil have been hauled and approximately 26,000 cu. yds. spread to the recommended depth. McCluskey Sprinkler Service has worked one man one shift. trenching for sprinkler lines, laying pipe, and backfilling trench. Traffic control is over 100% complete. Topsoil is 85% complete. P.V.C. pipe items are 75% complete. All other items remain the same. The project as a whole is 50% complete. Time elapsed is 58 days, which amounts to 49% of the 120 calendar days allowed. A 4-man engineering crew put in 10 days on the project.

I 94-1(11)1 U1, Pinehill-Huntley
6.141 mi. grading, agg. surf., PMS, drain, sign & delineating
Contract awarded 12-1-65
Amount of contract - $2,271,232.38
Work started 3-21-66

Peter Kiewit Sons' Co., Contractor
Billings, Montana
W. A. Blake, Resident Engineer
Billings, Montana
Contract time: 350 calendar days
Completion date 11-13-67

The final was turned in to the Division Office on 11-22-67. Final checking is 90% complete and the final will be submitted to Helena on or about 12-5-67.

I 94-1(11)1 U3, Pinehill-Huntley
6.141 miles Interstate fencing
Contract awarded 12-1-65
Amount of contract - $35,706.20
Work started 2-28-66

W. P. Roscoe Co., Contr., Billings
W. A. Blake, Res. Engr., Billings
Contract time: 30 days after completion of roadway contract
Completion date 11-14-67

Two men are assigned to working up the final estimate, which will be submitted on December 8, 1967.

I 94-1(13)7 U1 & S 422(4) Huntley-Ballantine
& Huntley-N & S, 7.401 mi. grad., agg. surf., PMS, drain & const. 1 dual 78' overpass, one 91.5' prstrsd. bridge & 1 70' prstrsd. bridge
Contract awarded 9-27-66
Amount of contract - $1,744,966.83
Work started 11-4-66

S. Birch, Inc., Contractor
Great Falls, Montana
R. E. Ewing, Res. Engr., Roadway
K. W. Hartman, Res. Engr., Structures
Billings, Montana
Contract time: 300 calendar days
Probable completion date 7-1-68

Good progress. S. Birch, Inc., worked three 9-hour shifts crushing 3/4" TACTS with 16 men employed. A winter shut down order was issued effective the close of work on 11-28-67. Item percentages are as follows: Type III plant mix at 19,551 tons is 28% complete. 100-120 asphalt cement at 1,159 tons is 28% complete. 3/4" TACTS at 47,616 tons is 98% complete. 1½" TACBS at 131,965 tons is 100% complete. 3/4" TBCTS at 3,218 tons is 100% complete. 3" TACBS at 259,486 tons is 100% complete. MC-70 liquid asphalt for prime at 109 tons is 25% complete. Roll surfacing at 2,323 units is 98% complete. Water surfacing at 7,327 M. gals. is 66% complete. Unclassified excavation at 1,696,088 cu. yds. is 98% complete. Unclassified borrow excavation at 69,081 cu. yds. is 100% complete. Overhaul unclassified excavation at 130,240 mi. yds. is 98% complete. Overhaul unclassified borrow excavation at

15,265 mi. yds. is 98% complete. Roadbed compaction at 1,887,188 cu. yds. is 93% complete. Topsoil at 63,776 cu. yds. is 98% complete. Type B random riprap at 391 cu. yds. is 100% complete. Type A random riprap at 340.7 cu. yds. is 97% complete. Culvert excavation at 6,195.7 cu. yds. is 89% complete. Bedding material at 1,561.6 cu. yds. is 48% complete. Road leveler operation at 33.5 hours is 32% complete. Class DD concrete at 42.85 cu. yds. is 94% complete. Federal Aid traffic control is 40% complete. Drainage structures are 100% complete with the exception of the embankment protectors. A 12-man engineering crew is assigned on the roadway and construction layout is 83% complete. All bridge items are 100% complete and construction layout is 100% complete. The project as a whole is 79% complete with 68% of the contract time elapsed, or 204 calendar days.

I 94-1(13)7 U2 Huntley-Ballantine
6.542 miles of Interstate fencing
Contract awarded 9-27-66
Amount of contract - $34,949.00
Work started 11-18-66

Kober Constr. Co., Contr., Billings
R. E. Ewing, Res. Engr., Billings
Contract time: 30 days after completion of roadway contract
Probable completion date 8-1-68

Fair progress. Two 8-hour shifts were worked with 2 men employed driving posts. CW fence remains at 3,899 rods, or 92% complete. Dozer hours remain at 6, or 4% complete. Deadmen remain at 19, or 8% complete. Single CW fence panels remain at 195, or 89% complete. Double CW fence panels remain at 85, or 100% complete. Single FW fence panels remain at 15, or 79% complete. Double FW fence panels remain at 11, or 100% complete. Temporary fence remains at 22 rods, or 55% complete. The project as a whole is 87% complete and construction layout is 92% complete.

I-IG 94-1(17)13 U1 & I 94-1(19)1
10.469 mi. grad., agg. surf., plant mix bit, surf., sign & const. 1 dual 111.5' prstrsd. conc. beam bridge over Huntley Canal on Ballantine-Pompeys Pillar sec. of Yell. Co. Interstate road & sign on 12.683 mi. of Pinehill-Ballantine sec. of Yell. Co. Inst. Rd.
Contract awarded 9-26-67
Amount of contract - $2,971,294.12
Work started 10-16-67

S. Birch, Inc., Contractor
Great Falls, Montana
D. Kittelson, Res. Engr., Roadway
K. Hartman, Res. Engr., Structures
Billings, Montana
Contract time: 300 calendar days
Probable completion date 6-30-69

Good progress. 47,031 cu. yds. of unclassified excavation were moved from the cut at Station 2230 to the area from Station 2273 to 2306, and from the cut at Station 2225 to the area from Station 2240 to 2273. The outlet ditch at Station 2189 was being excavated. The Fly Creek channel change at Station 2404 to 2407+31 and the channel change at Station 2237+50 were also being excavated. The topsoil was being stockpiled from Station 2395 to 2404, approximately 20,664 cu. yds. The grading operation is 12% complete. 254 lin. ft. of 24" RCP Dr. C1-2 were installed at Station 1936+24. 208 lin. ft. of 24" CSP Dr. 12 Ga. was installed at Station 2022+77. The erection of the 11'5" SSPPAC was completed and the 12'10" SSPPAC was started. The drainage operation is 20% complete. The headwalls were poured for the culvert at Station 2308+00 and the syphon end at Station 2258+55 on the right. The project as a whole is 7% complete with 14% of the contract time elapsed. The contractor had a 58-man crew who worked six 8-hour shifts on the dirt work. A 12-man crew worked on the culvert installation for 6 days. The subcontractor, John McRae, had a 6-man crew who worked on the installation of structural plate culverts. Subcontractor Cop Construction Company had a 5-man crew who worked on the syphon ends and headwalls and hauling bridge pile for the structure at Station 2238. A total of 81 men were employed this week on the project.

Four 5-man survey crews have been assigned to the engineering layout this week. One man was used as inspector on the dirt operation. Two men were used as inspectors on the culvert installations. No more work has been done on the layout of the dual 111.5 ft. prestressed concrete bridge over the Huntley Canal. The engineering layout is approximately 45% complete. One man has been working in the office.

I-IG 94-1(17)13 U2 Ballantine-Pompeys Pillar
Const. 1 dual 128' prstrsd. conc. bridge (Ballantine Interch.), 1 60' prstrsd. conc. beam bridge over Huntley Canal & 1 451.7' prst. conc. beam & steel bridge over CB&Q RR
Amount of contract - $563,877.08
Contract awarded 9-26-67
Work started 10-16-67

Riklin Construction Co., Contractor
Helena, Montana
K. W. Hartman, Resident Engineer
Billings, Montana
Contract time: 270 calendar days
Probable completion date 12-1-68

Fair progress. The contractor worked four 8-hour shifts and employed 12 men. Concrete was placed in the caps of bents Nos. 1 eastbound and 1 westbound and in the beam seats of bents Nos. 4 eastbound and 4 westbound at Ballantine Interchange. Remove structure is 100% complete, Class AD concrete is 11% complete, structure excavation Type I is 51% complete, treated timber test piles is 100% complete, steel test piles is 29% complete, furnish treated timber piles is 100% complete, furnish steel bearing piles is 20% complete, drive steel bearing piles is 21% complete, reinforcing steel is 5% complete. The project as a whole is 7% complete with 16% of the contract time elapsed. A 5-man engineering crew has staking and quantities 12% complete.

I-IG 94-1(17)13 U3 Ballantine-Pompeys Pillar
Const. dual 153.5' & 123 prstrsd. conc. beam overpasses, a single 276 prstrsd. beam underpass & a 75 prstrsd. beam bridge over Fly Crk.
Contract awarded 9-26-67
Amount of contract - $466,134.41
Work started 11-7-67

Riklin Constr. Co., Contractor
Helena, Montana
K. W. Hartman, Resident Engineer
Billings, Montana
Contract time: 270 calendar days
Probable completion date 12-1-68

Fair progress. The contractor worked four 8-hour shifts and employed 3 men. Test pile was driven in Bents Nos. 2, 3 and 4 at Pompeys Pillar Interchange. Service pile was driven in bent No. 3 at Pompeys Pillar Interchange Sta. 2382+15. Excavation was started on bents Nos. 2 and 3 eastbound and westbound at Sta. 2187+51.80. Structure excavation Type I is 22% complete, steel test piles 15% complete, furnish steel bearing piles 21% complete and drive steel bearing piles 9% complete. The project as a whole is 1.5% complete with 16% of the contract time elapsed. A 1-man engineering crew has staking and quantities 5% complete.

I-IG 94-1(17)13 U4 Ballantine-Pompeys Pillar
Fencing on 10.469 mi.
Contract awarded 9-26-67
Amount of contract = $68,022.12
Work started 10-19-67

Fred Strandberg Const. Co., Contr.
Helena, Montana
D. C. Kittelson, Res. Engr., Billings
Contract time: 30 days after completion of roadway contract
Probable completion date 6-30-69

Good progress. A total of 811 rods of CW fence was completed. 180 rods on the right side from Station 2274+07 to 2303+73, 62 rods on the right from Station 2365+46 to 2375+69, 72 rods on the right side from Station2353+10 to 2341+19, and 497 rods were in the area on the left side from Station 2258+30 to 2313+15. 22 rods of Type

F4M farm fence was installed at the County Road separation at Station 2259+07 and 2273+82. 54 single CW panels, 12 double CW panels, 1 deadman, 1 double FW farm panel and 2 single FW farm panels were installed this week. Also 14 lin. ft. of Type G2 wire gate were installed. The project as a whole is 17% complete. The contractor had a 3-man crew who worked six 8-hour shifts on the fence. One man was used for 6 days this week as inspector on the project.

I 94-2(11)67 U1 Hysham-East, 9.500 miles
grad., agg. surf., PMS, drain, sign & 188' conc. bridge & 143' conc. underpass
Contract awarded 4-27-66
Amount of contract - $1,679,426.95
Work started 6-27-66

S. Birch, Inc., Contractor
Great Falls, Montana
W. Reichenberg, Res. Engr., Roadway
D. Taylor, Instmn., Structures
Hysham, Montana
Completion date 11-17-67

All construction work was completed on 11-17-67. Two men spent 5 days this past week working on the final calculation. The final will be completed and submitted to the Division Office on December 8, 1967.

I 94-2(12)67 Hysham-East
9.900 miles seeding & landscaping
Contract awarded 8-18-67
Amount of contract - $7,642.68

Nelson Bros. Constr. Co., Contractor
Salt Lake City, Utah
W. Reichenberg, Res. Engr., Hysham
Probable completion date 5-31-68

No more work will be accomplished on this project until the spring planting season. The project as a whole is 50% complete with 24% of the contract time elapsed. Construction layout is 50% complete.

Federal Aid Project CJF 53(1)
Screening Billings-Pompeys Pillar Road
Contract awarded 6-26-67
Amount of contract - $3,296.00

Hasse-Cathodic, Lt., Contractor
Cody, Wyoming
K. Bowersox, Res. Engr., Billings
Probable completion date 6-1-68

A change order has been prepared to reimburse the contractor for his costs and cancel the contract. This has been signed by the contractor and has been forwarded to Helena for approval. No engineering time has been charged to the project during the week.

F 296(17) Billings-Lavina
Interstate to 1st Ave. So. via 27th St., 0.845 mi. gr. surf., plant mix & beautification
Contract awarded 5-23-67
Amount of contract - $339,296.97
Work started 6-27-67

Empire Sand & Gravel Co., Contractor
Billings, Montana
C. O. Gransberg, Resident Engineer
Billings, Montana
Contract time: 200 calendar days
Probable completion date 7-15-68

Poor progress. The work is being done on an 8-hour shift weekly schedule with 5 men employed. The contractor worked 2 days on general clean up work and 1 day digging around 72" manholes in order to tap into main water line for connection of sprinkler system. The survey crew worked 2 days in the office checking field notes and 1 day in the field staking sprinkler heads. Construction layout with a 6-man crew is 71% complete. Roadway construction as a whole is 65% complete with 58% of the contract time elapsed.

F 296(18) Billings SE on 27th Street
.176 mi. rural & .858 mi. urban highway
Lighting
Contract awarded 9-26-67
Amount of contract - $27,950.50
Work started 11-15-67

Midland Electric Co., Contractor
Billings, Montana
C. O. Gransberg, Res. Engr., Billings
Contract time: 60 calendar days
Probable completion date 6-1-68

No work was performed during this past week. Construction layout is 30% complete. Construction as a whole is 1% complete with 0% of the contract time elapsed. When all of the materials are on hand, the contractor will be issued an order to resume work. A resume work order has not been issued as of this date.

S 289(9) Red Lodge-Columbus
0.1 mi. grad., agg. surf., plant mix bit surf., & drain
Contract awarded 7-19-67
Amount of contract - $24,067.60
Work started 8-2-67

Long Construction Co., Contractor
R. J. Crants, Instrumentman
Billings, Montana
Contract time: 60 calendar days
Completion date 10-2-67

Final checking is 100% complete and the final will be submitted to Helena 12-1-67.

S 322(8) Hardin-Sarpy Road
7.632 mi. fencing
Contract awarded 6-20-67
Amount of contract - $20,596.65
Work started 8-1-67

George Rakes, Inc., Contractor
Glendive, Montana
John Miner, Resident Engineer
Hardin, Montana
Probable completion date 7-1-68

No work was done during the past week and all items remain unchanged since last reported. There is no one assigned to the project at this time.

S 322(9) Hardin-Sarpy
7.632 mi. grad., agg. surf. & plant mix bit. surf. & const. 1 91.5' conc. bridge over Tullock Creek
Contract awarded 6-20-67
Amount of contract - $791,583.23

Maronick Constr. Co., Contractor
East Helena, Montana
John Miner, Res. Engr., Roadway
D. DeVore, Bridge Inspector, Structure
Contract time: 150 calendar days
Probable completion date 6-15-68

Fair progress. Work on the project this week consisted of hauling unclassified excavation, culvert installations, hauling and placing Type A random riprap, and producing, hauling, and laying selected surfacing 3". Approximately 18,000 cu. yds. of unclassified excavation were moved between Stations 652 and 700. This brings the total yardage moved to date to approximately 473,540 cu. yds. The grading items as a whole are now 81% complete. Work on the culverts included installing 18" CSP approach culverts, all of the other culverts are now complete. 102 feet of approach pipe are still to be placed but cannot be installed until grading operations have cleared in the area. Other drainage item work this week consisted of hauling riprap material to the bridge ends and placing same. There was no work on the bridge itself this week. Drainage items as a whole are now 96% complete. Work on surfacing items consisted of producing and hauling 5,270 tons of selected surfacing. This makes the total to date 52,070 tons placed on the roadway. Surfacing items as a whole are now 17% complete. The project as a whole is now 52% complete. 95 of the allotted 154 calendar days have been used, making the contract time 62% elapsed. 40 men are being employed by the contractor and work is being carried out in one 9-hour shift daily, 5 days a week. Ten men are assigned to the project and construction layout is now 70% complete.

S 367(5) Bridge on Custer-Myers-Hysham Road
Const. 704' bridge & grad., agg. surf., road mix bit. surf., & drain on approaches
Contract awarded 9-27-66
Amount of contract - $64,836.06
Work started 10-20-66

Husman Bros., Contractor
Sheridan, Wyoming
D. R. Taylor, Instrumentman
Hysham, Montana
Contract time: 300 calendar days
Probable completion date 8-15-68

Poor progress. The contractor completed the work dike for Pier No. 5 on 11-28-67, except for some possible reinforcing and is pumping water from inside the dike to enable work on excavation to begin. Eight men were employed and worked five 8-hour shifts to accomplish the above work. The project as a whole remains 50% complete with 195 days, or 65% of the contract time elapsed. A 2-man engineering crew inspected the contractor's operations and computed quantities. Construction layout is 46% complete on both the road and bridge.

S 433(3) Laurel-North
7.882 mi. grad., agg. surf., plant mix bit. surf., drain, sign & structures
Date of contract 7-18-67
Amount of contract - $635,740.69
Work started 8-15-67

R. J. Studer & Sons, Contr., Billings
G. Jovanovich, Instmn., Roadway
J. Cook, Res. Engr., Structures
Billings, Montana
Contract time: 225 calendar days
Probable completion date 9-30-68

Good progress. The grading operation remains 74% complete. Culvert items remain 49% complete. The contractor crushed and placed 6,131 tons of 3" CBS between Stations 176+00 and 220+00 and between 330+00 and 376+00. All of the 1st and 2nd lifts of 3" CBS have been placed between 88+00 and 376+00. 11,426 tons of 1½" CBS were crushed and placed between Stations 88+00 and 129+00 and between 225+00 and 375+70. The gravel operations are 29% complete. Class DD concrete quantities have been computed and are now 10% complete. Traffic control remains 56% complete. Subcontractor W. P. Roscoe worked three 8-hour shifts and employed 8 men removing old piles and excavating for the footings of abuttment No. 1 at the Big Ditch structure at Station 28+05. All bridge items remain as last reported. The structures as a whole remain 29% complete. The prime contractor employed 19 men on the average and worked four 10-hour shifts on the gravel operations. The project as a whole is 30% complete with 39% of the contract time elapsed. A 13-man engineering crew was assigned to construction inspection and layout.

U 386(8) Billings 13th St. Underpass
Lighting
Contract awarded 8-22-67
Amount of contract - $11,366.95

Yellowstone Electric Co., Contractor
Billings, Montana
K. Bowersox, Res. Engr., Billings
Contract time: 90 calendar days
Probable completion date 4-15-68

A preconstruction conference was held 9-19-67. The contractor estimates that work will start about the middle of December. No engineering time has been charged to the project.

Respectfully submitted,

C. R. MACKEY, P.E.
Division Engineer

CRM/EJB/el

STATE HIGHWAY COMMISSION
LEWISTOWN, MONTANA

December 1, 1967

State Highway Commission
Helena, Montana 59601

WEEKLY NEWS LETTER
Division 5230

Gentlemen:

The following is a report of highway pre-construction and construction in Division 5230 for the week ending December 1, 1967.

GENERAL

Construction progress in the Division was fair with cold temperatures and scattered snow showers occurring during the week. Temperatures varied from 43° to -1° at Lewistown with .10 of an inch of precipitation recorded. Construction projects are in normal travel condition with advance warning signs and flagmen posted as required.

PRE-CONSTRUCTION

F 235 (23) Armington-Lewistown
Approximate Length: 1.2 miles (Hobson Curve) — Personnel Unassigned
Survey Authorized: 9-5 67

Work will begin as soon as personnel are available.

S 14 (9) Ringling-Martinsdale — A. S. Ragenovich, Off. Engr.
Length: 8.180 Miles — Lewistown, Montana

One man worked 4 man days making P.I.H. revisions. The design is 45% complete with 160½ man days used to date.

S 92 (2) Hobson-Southwest
Approximate Length: 5.5 miles — Personnel Unassigned
Survey Authorized: 9-8-67

Work will begin as soon as personnel are available.

S 174 (3) Judith Gap-East
Approximate Length: 7.2 miles — Personnel Unassigned
Survey Authorized: 9-8-67

Work will begin as soon as personnel are available.

S 399 (7) Melstone-Mosby
Approximate Length: 7.8 miles — Personnel Unassigned
Survey Authorized: 9-21-67

Work will begin as soon as personnel are available.

Pre-Construction cont'd:

S 405 (4) Lewistown-Hanover-Judith River
Approximate Length: 5.8 miles
Survey Authorized: 9-20-67

Personnel Unassigned

Work will begin as soon as personnel are a vailable.

CONSTRUCTION

F 8 (15) White Sulphur Springs-Harlowton
6.513 Miles Grade, Aggregate Surfacing,
Plant Mix Bit. Surfacing & Drainage
Contract Let: 10-25-66
Bid Price: $647,696.82
Work Started: 3-28-67

R. J. Sundling & Son, Inc.
R. J. Sundling Contractors
Livingston, Montana
Elton M. Strunk, Res. Engr.
Harlowton, Montana
Prob. Comp. Date: 6-30-68

Progress during the past week was fair. The Contractors worked five 9 hour shifts producing 3/4" top surfacing and seven 8 hour shifts at processing and laydown of base and top surfacing; salvaging and placing of topsoil remains 42% complete; traffic control is 61% complete; 1,088 units of roll surface courses have been expended or 100% of this item; 2,558 M-gals. of water surface courses have been used or 50% of this item; 3" type A base surfacing remains 99% complete; 63,214 ton of 1½" type A base surfacing have been produced or 97% complete; 13,407 tons of type A top surfacing have been produced of 56% complete. The following items are 100% complete: Unclassified excavation, roadbed compaction, remove structures, Class DD concrete, culvert excavation, bedding material, relay pipe culvert, 18" CSP culvert-syphon, 24" CSP culvert-irrigation, 30" CSP culvert-irrigation, 96" SSPP culvert, 12- ga., 144" SSPP culvert -10 ga., 24" RCP culvert Class 2, 3 & 5, 30" RCP culvert Class 5, 36" RCP Class 2, 3 & 5, 48" RCP culvert Class 2, Type 1 manhole, standard drop inlets, concrete curb and gutter, cut-off curb, concrete valley gutter, 18" CSP culvert-16 ga., Alternat A and 24" RCP culvert-syphon Class 2. The project as a whole is 71% complete with 73% of the contract time having elapsed. A 9 man engineering crew is engaged on the project and the construction layout is 94% complete.

F 26 (8), F 33 (7), F 235 (34) F 33 (3)
Junction-Traffic Control Devices
Fergus-Musselshell Counties
Contract Let: 3-28-67
Bid Price: $9,228.87
Work Started: 11-21-67

Skinner Enterprises, Inc.
Helena, Montana
Carl W. Park, Res. Engr.
Lewistown, Montana
Calendar Days: 45
Prob. Comp. Date: 12-31-67

Progress during the past week was fair. Work consisted of excavating utility pole installations on Project No. F 26 (8) and F 235 (34). Two 8 hour shifts were worked with 2 men employed. The project as a whole is 16% complete with 22% of the contract time elapsed. One inspector is assigned to supervision of the project, with engineering layout 100% complete.

F 108 (13) Billings-Roundup
1.739 Miles Grade, Aggregate Surfacing
Plant Mix Bit. Surfacing & Drainage
Contract Let: 9-26-67
Bid Price: $324,942.80
Work Started: 11-14-67

R. J. Studer & Sons,
Billings, Montana
Chas. W. Buck, Res. Engr.
Roundup, Montana
Calendar Days: 150
Prob. Comp. Date: 5-17-68

Construction Cont'd:

F 108 (13): Progress was poor the past week. The Contractor worked three 8 hour shifts with 12 men employed and one 9 hour shift with 17 men employed, with one day lost due to holiday. Work consisted of grading of unclassified excavation, removal of culvert excavation and placing of CSP culvert drains. 7620 cu. yds. of unclassified excavation were moved for a total of 26,080 cu. yds. or 10% complete; 130 cu. yds. of culvert excavation were removed for a total of 385 cu. yds. or 75% complete; 14 lin. ft. of 24" 12-ga. CSP culvert were placed for a total of 188 lin. ft. or 100% complete; 186 lin. ft. of 30" 12- ga. CSP culvert were placed for a total of 186 lin. ft. or 90% complete; 156 lin. ft. of 36" 12-ga. CSP culvert were placed for a total of 156 lin. ft. making this item 93% complete; 24" RCP culvert C1-4 remains 95% complete; and salvaging of topsoil remains 35% complete. The project as a whole is 7% complet with 10% of the contract time elapsed. Construction layout is 18% complete with a five man engineering crew engaged.

F 256 (24) Unit 2, Grass Range-Jordan
Length: 0.025 mile
Construct 131.5' Pre-stressed
Concrete Bridge
Contract let: 9-22-67
Bid Price: $69,362.64
Work Started: 11-8-67

F. L. Flynn Company
2302 So. 40th St. West
Billings, Montana
Colin D. Murray, Instrumn
Lewistown, Montana
Calendar Days: 100
Prob. Comp. Date: 6-1-68

Progress was poor. The Contractor worked three 9 hour shifts with five to seven men employed. Work in progress consists of constructing bins for the concrete aggregate, installing the portable batch plant and construction of forms for Pier No. 2 and Bent No. 3. The Contract remains 13% complete with 28% of the contract time elapsed. One State inspector is assigned to this project.

F 256 (27) Grass Range- Jordan
o.246 miles - Installation of 2
Structural Plate Pipes & One New
Pre-stressed Concrete Bridge
Contract Let: 6-26-67
Work Started: 8-9-67

Francis M. Tindall, Contr.
Lewistown, Montana
Carl W. Park, Res. Engr.
Lewistown, Montana
Calendar Days: 150
Prob. Comp. Date: 6-1-68

A resume work order was issued 11-29-67. Progress was fair. Work this week consisted of backfilling around McDonald Creek bridge and hauling 1000 cu. yds. of unclassified borrow excavation at Station 215+00 to Station 222+20 for 90% complete; 570 tons of 3" type A crushed base surfacing material were placed at Station 118+00 to Station 121+80 for 5% complete. Other items remain as previously reported. McDonald Creek bridge is 100% complete; 96" x 90' SSPP culvert at Station 120+10 is 100% complete; channel change 90% complete; Type B riprap 60% complete; removal of structures 67%complete and detour 100% complete. The Contractor worked two 8 hour shifts with eleven men employed. The project as a whole is 50% complete with 79% of the contract time elapsed. Construction layout is 95% complete with a four man engineering crew engaged.

Construction cont'd:

S 399 (6) Melstone-Mosby
4.681 miles Grade, Aggregate
Surfacing & Drainage
Contract Let: 7-28-65
Bid Price: $223,327.65
Work Started: 9-28-65

Francis M. Tindall, Contr.
Lewistown, Montana
Carl W. Park, Res. Engr.
Lewistown, Montana
Calendar Days: 250
Comp. Date: 11-2-67

The completed project was inspected and accepted by the Division Engineer on May 25, 1967. The Final Estimate, along with supporting data was submitted to the Construction Engineer in Helena on July 5, 1967. However, early in August 1967 a vertical cleavage crack line developed in the roadway at a high fill section at Station 161+00 to Station 162+00 and on August 12, 1967, a large section of embankment dropped 15 feet in a typical slide failure. To eliminate excessive ground water causing the failure, and to re-construct the roadway, an extra work order was authorized on Septmeber 11, 1967. An interception sub-drain has been constructed on the left of Station 161+00 to Station 162+00 to alleviat ground water pressure against the embankment, and a sub-drain in the roadway section at Station 161+10. Hauling, processing and laydown of gravel aggregate and general cleanup of the slide area was completed November 2, 1967. Upon receipt of material invoices for Extra Work Order No. 2, the Final Estimate will be submitted to the Division Office.

Respectfully submitted,

Lowell A. Rathbun
Division Engineer

LAR:bk

BUREAU OF PUBLIC ROADS

MONTHLY PROGRESS REPORT - DIRECT FEDERAL CONSTRUCTION

AS OF NOVEMBER 15, 1967

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

November 15, 1967

Project	Location	Length	Type Work	% Work Completed and Est. Completion Date	Percent Time Used	Contractor and Contract Amount
GNP 1-C9	Going to the Sun Road, approximately 33 miles to the north and easterly of West Glacier, Montana	0.95	Grade, base, premix surfacing, tunnel widening Completed October 10, 1967			Waddell Construction Company $247,641.50
FHP 9-1(4)	15 miles east of St. Regis easterly 5.346 miles along the southerly bank of the Clark Fork River to a junction with US Highway 10A	5.346	Gr., select surf.	76 May/68	76	Bud King Construction Company $574,470.00
FHP 32-2(1)	US 89, approximately 6 miles northerly from Neihart, Montana	0.459	Grade, base, bit. paving, bridge Completed October 18, 1967			Watters Construction Company $186,838.00
FHP 42-3(1)	US 191, begins 5 miles south of Gallatin Gateway, thence 9.3 miles southerly	9.269	Grade, base, bit. plt. mix	97 Nov/67	120	R. J. Sundling & Sons $278,860.80
FHP 45-3(1) 45-2(1), ERFO 41(2)	SH 449, 33 miles southerly of Ennis easterly 23 miles to the Duck Creek Wye thence southerly on US 287 to West Yellowstone	7.4 (Intermittent)	Grading, base bit. paving	84 Aug/68	72	Robert V. Burggraf Company $593,677.00
FHP 53-1(1)	US 212, 7.0 miles east of Ashland and extending 15.122 miles toward Broadus	15.122	Plt. mix	89 Nov/67	61	Schultz and Lindsay Construction Co. $308,744.70
FHP 57-1(1)	Begins approximately 10 miles easterly of Libby, Montana, and extends easterly 4.528 miles along the river bank	4.5	Grade, base, bit. plt. mix, bridge	95 Nov/67	99	N. A. Nelson Construction Company $1,663,354.25
ERFO 44(2)	US 2, Essex - Summit	12.2	Gr., base, bit. plt. mix, bridges Completed October 16, 1967			Naranche & Konás Construction Company $1,711,109.80
ERFO 44(3)	US 2, Essex - Summit, 29 miles east and south of West Glacier	0.141	Bridge Winter shutdown	75 Sept/68	47	E. F. Matelich Construction Company $555,876.00
ERFO 44(4)	US 2, begins 24 miles southeast of West Glacier, 2.8 miles southeast to the Walton Ranger Station	2.975	Gr., base, bit. plt. mix Contract awarded October 24, 1967			N. L. Garrick Construction Company Huson Logging Company $571,505.50